

AUGUST, 1959

VOLUME 5 - NUMBER 8

# CONSTRUCTION REVIEW

*Featured in this issue . . .*

## **PRE-CUT WOOD DWELLINGS**

C41.30/3

- *Expenditures*
- *Starts*
- *Materials*
- *Awards*
- *Permits*
- *Costs*
- *Employment*



**U. S. DEPARTMENT OF COMMERCE**

**Business and Defense Services Administration**

**DOCUMENTS**

**AUG 24 1959**

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**Frederick H. Mueller, Acting Secretary**

**Business and Defense Services Administration**  
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Construction Review is prepared under the direction of

Walter W. Schneider, Acting Director

Construction Industry Division

*Inquires on articles may be addressed to the originating agency. Information on the Statistical Series (Parts A-G) may be obtained from the agency indicated in the source notes to the tables.*

## NOTICE

### Construction Statistics Reorganization

The realignment of responsibilities for the Federal Government's program of construction statistics was effective July 1, 1959. This realignment, first announced by the Director of the Bureau of the Budget in November of 1958, was approved by the Congress concurrently with its appropriation of operating funds for the fiscal year 1960.

Construction statistics are now consolidated in the Department of Commerce. Specifically included are housing starts, dollar volume of construction put in place, contract awards, and building permits. The Bureau of the Census will handle all data collection, processing, preparation of estimates, statistical analysis and publication. The Business and Defense Services Administration will handle all economic analysis, forecasts, and publication of "Construction Review."

Correspondence relating to current or historical data for all of the above statistical series recently transferred to the Bureau of the Census should be addressed to:

Samuel J. Dennis, Chief  
Construction Statistics Office  
Bureau of the Census  
U. S. Department of Commerce  
Washington 25, D. C.

Footnotes to the tables contained herein designate those series now compiled by the Census Bureau. Similarly identified are other compiling agencies whose data will continue to be summarized in *Construction Review*. Correspondence regarding that data should be addressed to the respective compiling agency.

# CONSTRUCTION REVIEW

1948

BY A COMMITTEE

## INDEX

### Construction Industry (Continued)

The construction industry is a vital part of the national economy. It provides the infrastructure for the country, including roads, bridges, and public buildings. The industry is also responsible for the construction of private buildings, such as houses and commercial structures. The construction industry is a labor-intensive industry, and it plays a significant role in the employment of the workforce. The industry is also a major contributor to the national GDP. The construction industry is a dynamic industry, and it is constantly evolving. The industry is facing many challenges, such as the shortage of skilled labor and the increasing cost of materials. The industry is also facing the challenge of environmental protection. The construction industry is a key sector of the economy, and it is essential for the development of the country. The industry is a source of pride for the nation, and it is a source of hope for the future. The construction industry is a source of strength for the nation, and it is a source of inspiration for the people. The construction industry is a source of life for the nation, and it is a source of love for the people. The construction industry is a source of hope for the future, and it is a source of faith for the people. The construction industry is a source of strength for the nation, and it is a source of inspiration for the people. The construction industry is a source of life for the nation, and it is a source of love for the people. The construction industry is a source of hope for the future, and it is a source of faith for the people.

CONSTRUCTION REVIEW is the only publication in the United States that provides a comprehensive and authoritative analysis of the construction industry. The publication is published quarterly, and it is available to all interested parties. The publication is a valuable resource for the construction industry, and it is a must-read for all professionals in the field. The publication is a source of information, and it is a source of knowledge. The publication is a source of inspiration, and it is a source of motivation. The publication is a source of hope, and it is a source of faith. The publication is a source of strength, and it is a source of inspiration. The publication is a source of life, and it is a source of love. The publication is a source of hope for the future, and it is a source of faith for the people.



# CONSTRUCTION REVIEW

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CONSTRUCTION LEGISLATION (Published when significant laws are enacted;  
last shown in November 1958 issue.)

CONSTRUCTION REGULATIONS (Published when significant regulations are issued;  
last shown in April 1959 issue.)

NOTE: Contents of this publication emanating from governmental sources are not copyrighted and may be reprinted freely. Mention of Construction Review as the source will be appreciated. Data credited to private sources appear here through special arrangements and are still subject to the copyrights of the compilers.

CONSTRUCTION REVIEW is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Subscription price per year--\$3 domestic; \$4 foreign. Single copies, at 30 cents each, may be purchased from any of the Department of Commerce Field Offices.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (January 31, 1958).

## AT A GLANCE

**CONSTRUCTION ACTIVITY IN JULY**—A normal seasonal increase kept total construction activity at recordbreaking levels in July. The total value of work put in place, of \$5.15 billion, exceeded that of June by 3 percent and that of July 1958 by 14 percent. The cumulative data for the first 7 months of this year surpassed that of last year by 15 percent.

As compared with a year ago private activity during January-July continues to reflect residential building strength (+32 percent); non-residential building weakness (-4 percent), mainly industrial, which was off 28 percent; and little change in public utility work. In the public sector, highways, residential building and military facility construction dominated the increases. Educational construction, 4 percent below the year-ago aggregate, showed the only notable weakness.

**HOUSING STARTS IN JUNE**—Nonfarm housing starts increased slightly more than seasonally in June and at 136,000 were 20 percent higher than in June of last year. For the first 6 months, 709,500 new private and public units were put under construction, an advance of 32 percent over last year's first half and an all-time high for the period.

**FHA-VA ACTIVITY IN JUNE**—Applications for FHA mortgage insurance as well as requests for VA appraisals increased sharply in June. The FHA volume set an all-time monthly record of 71,300, bringing the 6-month total 31 percent over the first half of 1958. The comparable VA increase was 27 percent. New starts under FHA inspection in June were the highest since 1950, while units started under VA inspection continued at about the previous month's pace. The FHA 6-months' total, up 46 percent over last year, was the second biggest first half on record. The VA increase of 89 percent was less notable in view of the fact that in 1958 VA starts were at an all-time low.

**HOUSING VACANCY RATES 2nd QUARTER 1959**—Vacancy rates in the second quarter of 1959 were the highest since the second quarter of 1955. Units available for rent stood at 2.5 percent; for sale at 7 percent; and held off market at 2.4 percent. The largest increases and the highest rates were found in the South and West, where total available vacancy percents changed from 3.6 to 4.1 and from 3.3 to 4.2 respectively, from first quarter figures. The changes noted applied to both inside as well as outside standard metropolitan areas.

**NONFARM MORTGAGE RECORDINGS IN MAY**—The value of nonfarm mortgages recorded in May, \$2.8 billion, continued the near-record pace of April and pushed the total for the first 5 months to 34 percent over the like period of 1958. While all types of lenders shared in the increase, savings

and loan associations and commercial banks dominated the gains. The average mortgage amount declined slightly.

**BUILDING PERMIT ACTIVITY IN MAY**—The total value of building permits reported for all permit issuing places declined slightly in May but remained 15 percent above May of 1958. For the first 5 months, combined permit activity totaled \$9.5 billion, up \$2 billion or 26 percent over the same period of 1958. All types of buildings shared in the gains, but new dwellings, up 40 percent, continued to set the pace.

**PUBLIC CONTRACT AWARDS IN APRIL**—The total value of public contracts awarded during the first 4 months of this year showed a slight increase (1 percent) over the like period of 1958. Federally owned projects were still 16 percent over the year-ago levels largely because of continued strength of administrative service buildings, airfields, and conservation projects. State and locally owned construction trailed last year's opening 4 months by 3 percent as increases in highways and water projects were overbalanced by declines in residential buildings, schools, administrative and service buildings, and electric power projects.

**CONSTRUCTION CONTRACTS IN MAY AND JUNE**—The value of construction contracts for the 12-month period ended with May 1959, as reported by the F. W. Dodge Corporation, was 19 percent ahead of the comparable 1958 figure. About two-thirds of the \$6-billion gain was in residential building, one-third in engineering work. Non-residential building showed no change.

The value of large construction contracts, as reported in the Engineering News-Record, for the 12 months ended with June 1959 was 7 percent above the corresponding 1958 period. Publicly owned types continued to dominate the increases, although privately owned work showed the largest cumulative 12-month figure since December 1957.

**CONSTRUCTION COSTS IN MAY**—All of the privately compiled indexes and the Department of Commerce composite index rose to new record levels in May. Compared with a year ago, increases range from 3 to 5 percent.

**CONSTRUCTION MATERIALS PRICES IN JUNE**—The June wholesale price index for all construction materials combined remained stable at the record 135.8 (1947-49=100) set in May. While prices of most individual materials also remained the same, increases occurred in all of the softwood lumber species. Douglas fir led the increases with a rise of 1 1/2 percent over the month and 24 percent

since June 1958. Notable May-June declines included softwood plywood, off 2 1/2 percent, and prepared asphalt roofing, down 9 percent.

**CONSTRUCTION MATERIALS OUTPUT IN APRIL**—Output of construction materials in April set an all-time high after allowance for seasonal variation. At 144.9 (1947-49=100), the composite index was 22.7 percent over April 1958. Also setting new records were paint, varnish and lacquer, and portland cement, up 24.3 and 21.2 percent, respectively, over the same month of last year. Iron and steel products equaled the record set in February 1956. Continued strength was also shown by the lumber, clay, gypsum, and plumbing groups.

**CONTRACT CONSTRUCTION EMPLOYMENT IN JUNE**—The number of workers on payrolls of all construction contractors increased by 130,000 in

June, only slightly less than normal for the month and a gain of 165,000 over June 1958. Detailed data by type of contractor now available for the month of May show that all seven groups shared in the increases over the month of April as well as over May of 1958. Annual increases were largest in painting and decorating and highway and street work.

**HOURS AND EARNINGS IN MAY**—Average weekly earnings records were broken by each of the building and special-trade contractor groups in May, when seasonal increases in hours of work were combined with hourly earnings that averaged 11 cents, or 3.6 percent more than in May of 1958. Workers for highway and street contractors earned about \$4 a week more in May than in April, largely because of a 1-hour increase in the average work-week.

## Survey of Precut Wood Dwellings

The Forest Products Division, Business and Defense Services Administration, has recently completed a survey of the pre-cut dwelling industry as a part of a larger program of survival item studies undertaken for the Office of Civil and Defense Mobilization. The purpose of the survival item program is to determine the availability of items considered essential to the maintenance of life following an attack on the United States. In the event of a severe attack, many thousands of persons would require emergency shelter to prevent untold suffering and loss of life.

The term "pre-cut" is used to designate dwellings for which the lumber has been cut at a factory to the precise sizes required, but is not pre-fabricated. Pre-cut houses are usually produced according to the manufacturer's own designs.

Thirty-one pre-cut dwelling manufacturers, which comprise the industry, reported a total production of 6,083 dwellings in 1957. Production was centered mainly in the Middle Atlantic region, which produced 3,103 dwellings, and in the East North Central region, which accounted for 1,757 dwellings.

Following is a tabular summary of the number

(6)

of plants and production in 1957 by Geographic Divisions and States:

Census Geographic Divisions and States	Total number of plants	Production
New England.....	4	104
Connecticut.....	1	( <sup>1</sup> )
Maine.....	2	( <sup>1</sup> )
Massachusetts.....	1	( <sup>1</sup> )
Middle Atlantic.....	8	3,103
New Jersey.....	3	( <sup>1</sup> )
New York.....	2	( <sup>1</sup> )
Pennsylvania.....	3	( <sup>1</sup> )
East North Central.....	11	1,757
Illinois.....	2	( <sup>1</sup> )
Indiana.....	2	( <sup>1</sup> )
Michigan.....	4	948
Ohio.....	3	( <sup>1</sup> )
All other divisions.....	8	1,119
Minnesota.....	3	( <sup>1</sup> )
Montana.....	1	( <sup>1</sup> )
Texas.....	2	( <sup>1</sup> )
Washington.....	2	( <sup>1</sup> )
Total United States.....	31	6,083

<sup>1</sup> Withheld to prevent disclosure of individual company data.

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Public  
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Source



# STATISTICAL SERIES

## Part A—Construction Put in Place

NOTE: The monthly estimates in Part A are determined primarily by past contract award movements, standard progress patterns, and assumed normal seasonal movements. They do not reflect the effects of varying numbers of working days in different months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppages, and delays.

Statistics on new construction expenditures (unadjusted, seasonally adjusted, and in 1947-49 prices) have been revised from 1946 and replace those previously published. Revised data are available upon request to the Business and Defense Services Administration of the Department of Commerce.

Table A-1: New Construction Put in Place: Current Month, by Type of Construction

Type of construction	Value (in millions of dollars)						Percent change		
	1959			1958	First 7 months		July 1959 from—		First 7 months
	July	June	May	July	1959	1958	June 1959	July 1958	1958-59
<b>TOTAL NEW CONSTRUCTION</b> .....	5,150	5,018	4,655	4,526	30,144	26,267	+ 3	+ 14	+ 15
<b>PRIVATE CONSTRUCTION</b> .....	3,588	3,487	3,249	3,054	21,177	18,291	+ 3	+ 17	+ 16
Residential buildings (nonfarm) .....	2,105	2,055	1,929	1,648	12,280	9,336	+ 2	+ 28	+ 32
New dwelling units .....	1,565	1,520	1,430	1,207	9,350	6,883	+ 3	+ 30	+ 36
Additions and alterations .....	472	470	438	388	2,509	2,099	( <sup>1</sup> )	+ 22	+ 20
Nonhousekeeping .....	68	65	61	53	421	354	+ 5	+ 28	+ 19
Nonresidential buildings .....	801	762	687	748	4,793	4,988	+ 5	+ 7	- 4
Industrial .....	167	161	154	178	1,111	1,539	+ 4	- 6	- 28
Commercial .....	379	364	320	329	2,150	1,989	+ 4	+ 15	+ 8
Office buildings and warehouses ..	172	165	159	172	1,107	1,164	+ 4	0	- 5
Stores, restaurants, and garages ..	207	199	161	157	1,043	825	+ 4	+ 32	+ 26
Other nonresidential buildings .....	255	237	213	241	1,532	1,460	+ 8	+ 6	+ 5
Religious .....	85	79	71	75	512	464	+ 8	+ 13	+ 10
Educational .....	44	42	41	50	303	309	+ 5	- 12	- 2
Hospital and institutional .....	49	48	46	51	324	353	+ 2	- 4	- 8
Social and recreational .....	54	50	41	41	284	214	+ 8	+ 32	+ 33
Miscellaneous .....	23	18	14	24	109	120	+ 28	- 4	- 9
Farm construction .....	185	175	158	165	1,000	899	+ 6	+ 12	+ 11
Public utilities .....	478	478	460	473	3,001	2,964	0	+ 1	+ 1
Railroad .....	24	29	29	19	161	162	- 17	+ 26	- 1
Telephone and telegraph .....	85	87	81	75	530	541	- 2	+ 13	- 2
Other public utilities .....	369	362	350	379	2,310	2,261	+ 2	- 3	+ 2
All other private .....	19	17	15	20	103	104	+ 12	- 5	- 1
<b>PUBLIC CONSTRUCTION</b> .....	1,562	1,531	1,406	1,472	8,967	7,976	+ 2	+ 6	+ 12
Residential buildings .....	80	88	92	70	642	436	- 9	+ 14	+ 47
Nonresidential buildings .....	406	405	386	423	2,634	2,614	( <sup>1</sup> )	- 4	+ 1
Industrial .....	31	30	30	36	207	233	+ 3	- 14	- 11
Educational .....	243	242	227	262	1,579	1,644	( <sup>1</sup> )	- 7	- 4
Hospital and institutional .....	38	39	38	35	249	212	- 3	+ 9	+ 17
Administrative and service .....	52	52	51	49	338	274	0	+ 6	+ 23
Other nonresidential buildings .....	42	42	40	41	261	251	0	+ 2	+ 4
Military facilities .....	150	150	125	125	835	670	0	+ 20	+ 25
Highways .....	600	575	505	572	2,995	2,624	+ 4	+ 5	+ 14
Sewer and water systems .....	133	127	122	128	809	775	+ 5	+ 4	+ 4
Sewer .....	82	78	74	77	499	459	+ 5	+ 6	+ 9
Water .....	51	49	48	51	310	316	+ 4	0	- 2
Public service enterprises .....	62	54	49	47	288	236	+ 15	+ 32	+ 22
Conservation and development .....	111	111	105	94	632	548	0	+ 18	+ 15
All other public .....	20	21	22	13	132	73	- 5	+ 54	+ 81

Source: Department of Commerce, Bureau of the Census. <sup>1</sup>Change of less than one-half of 1 percent.

Table A-2: New Construction Put in Place: Recent Monthly Trend, by Type of Construction

Type of construction	(Value, in millions of dollars)													
	1958										1959			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>TOTAL NEW CONSTRUCTION.</b>	3,632	3,991	4,343	4,526	4,666	4,745	4,760	4,532	4,139	3,722	3,471	3,854	4,274	
<b>PRIVATE CONSTRUCTION.....</b>	2,532	2,728	2,934	3,054	3,126	3,157	3,176	3,142	2,941	2,620	2,498	2,735	3,000	
Residential bldgs. (nonfarm)	1,290	1,420	1,558	1,648	1,710	1,746	1,788	1,788	1,679	1,471	1,374	1,562	1,784	
New dwelling units .....	945	1,013	1,123	1,207	1,276	1,327	1,362	1,375	1,329	1,170	1,080	1,230	1,355	
Additions and alterations ..	296	355	382	388	382	366	370	354	291	243	238	276	372	
Nonhousekeeping .....	49	52	53	53	52	53	56	59	59	58	56	56	57	
Nonresidential buildings.....	675	695	732	748	738	736	743	754	716	655	636	625	627	
Industrial.....	216	200	187	178	171	167	167	170	168	165	160	154	150	
Commercial.....	264	287	318	329	319	318	322	331	310	273	268	270	276	
Office buildings and warehouses .....	164	167	171	172	172	170	168	171	168	158	154	149	150	
Stores, restaurants, and garages.....	100	120	147	157	147	148	154	160	142	115	114	121	126	
Other nonresidential bldgs.	195	208	227	241	248	251	254	253	238	217	208	201	201	
Religious.....	61	65	70	75	79	80	81	81	78	73	70	67	67	
Educational.....	42	44	47	50	53	54	54	53	51	48	45	42	41	
Hospital & institutional ..	50	50	51	51	52	51	49	48	47	46	45	45	45	
Social and recreational ..	28	32	37	41	42	43	44	42	39	35	34	34	36	
Miscellaneous.....	14	17	22	24	22	23	26	29	23	15	14	13	12	
Farm construction.....	124	143	156	165	170	157	131	112	98	109	112	124	137	
Public utilities.....	430	453	469	473	491	500	497	471	432	371	364	411	439	
Railroad.....	24	25	25	19	25	27	22	21	19	15	15	21	28	
Telephone and telegraph ....	82	81	78	75	70	75	77	72	69	60	64	75	78	
Other public utilities.....	324	347	366	379	396	398	398	378	344	296	285	315	333	
All other private.....	13	17	19	20	17	18	17	17	16	14	12	13	13	
<b>PUBLIC CONSTRUCTION.....</b>	1,100	1,263	1,409	1,472	1,540	1,588	1,584	1,390	1,198	1,102	973	1,119	1,274	
Residential buildings.....	62	63	66	70	71	79	83	86	91	94	97	96	95	
Nonresidential buildings.....	378	387	411	423	430	427	429	386	367	359	326	367	385	
Industrial.....	33	36	36	36	37	32	36	36	34	29	28	29	30	
Educational.....	238	239	257	262	259	259	259	229	225	223	197	218	229	
Hospital and institutional ..	32	31	32	35	36	36	37	36	33	30	29	37	38	
Administrative & service ....	39	43	46	49	55	58	55	48	42	44	42	47	50	
Other nonresidential bldgs.	36	38	40	41	43	42	42	37	33	33	30	36	38	
Military facilities.....	84	107	126	125	129	155	164	166	118	107	91	100	112	
Highways.....	340	448	536	572	611	627	620	494	388	320	260	320	415	
Sewer and water systems.....	111	118	123	128	133	130	124	117	108	105	96	110	116	
Sewer.....	65	69	73	77	81	80	76	72	68	66	60	68	71	
Water.....	46	49	50	51	52	50	48	45	40	39	36	42	45	
Public service enterprises ....	33	39	41	47	52	52	45	36	30	28	25	31	39	
Conservation & development..	81	89	94	94	99	101	102	89	80	73	63	78	91	
All other public.....	11	12	12	13	15	17	17	16	16	16	15	17	21	

Source: Department of Commerce, Bureau of the Census.

## COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST	NORTH CENTRAL		SOUTH		WEST
1. New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	3. E. N. Central Illinois Indiana Michigan Ohio Wisconsin	4. W. N. Central Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	5. S. Atlantic Delaware Dist. of Col. Florida Georgia Maryland N. Carolina S. Carolina Virginia W. Virginia	6. E. S. Central Alabama Kentucky Mississippi Tennessee  7. W. S. Central Arkansas Louisiana Oklahoma Texas	8. Mountain Arizona Colorado Idaho Montana Nevada New Mexico Utah Wyoming  9. Pacific California Oregon Washington

## NONFARM POPULATION DISTRIBUTION IN 1950

NORTHEAST—29.5 percent.

NORTH CENTRAL—29.0 percent.

SOUTH—27.7 percent.

WEST—13.8 percent.



Chart I.

## New Construction Put in Place

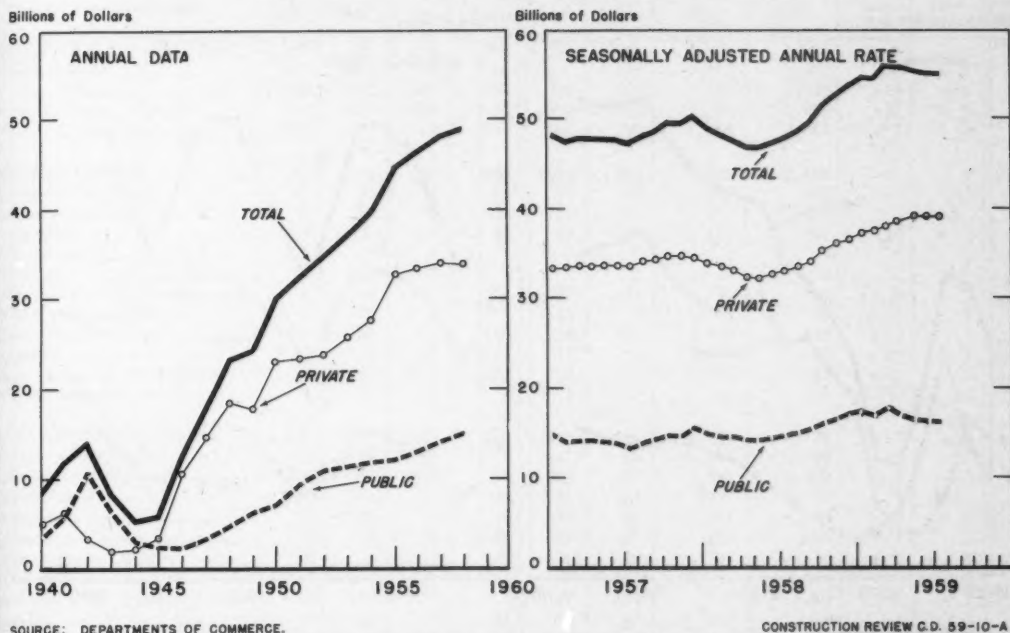


Table A-3: New Construction Put in Place: Seasonally Adjusted Annual Rate, by Type of Construction

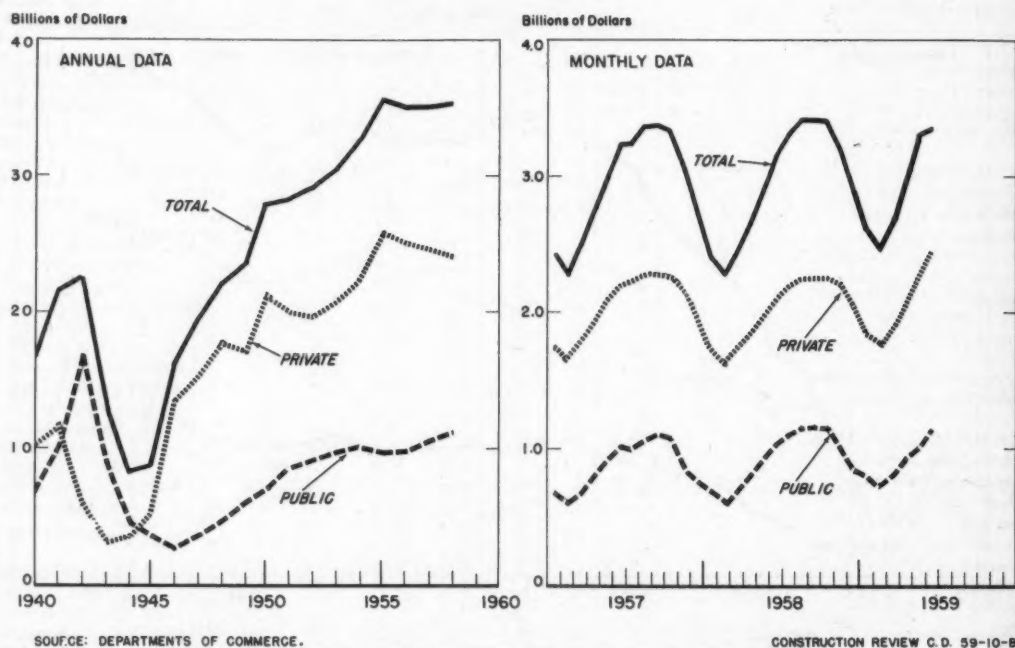
(Value, in millions of dollars)

Type of construction	Seasonally adjusted annual rate							Annual total	
	1958	1959						1957	1958
	July	Feb.	Mar.	Apr.	May	June	July		
<b>TOTAL NEW CONSTRUCTION</b> .....	48,360	54,312	56,028	55,848	55,368	54,984	54,996	47,795	49,109
<b>PRIVATE CONSTRUCTION</b> .....	33,252	37,524	38,172	38,916	39,072	38,988	38,952	33,778	33,833
Residential buildings (nonfarm) .....	17,640	21,744	22,404	23,232	23,244	22,764	22,572	17,019	18,047
Nonresidential buildings .....	8,616	8,328	8,220	8,256	8,592	8,904	9,168	9,556	8,675
Industrial .....	2,160	1,920	1,872	1,836	1,884	1,956	2,040	3,557	2,382
Commercial .....	3,684	3,696	3,660	3,732	4,008	4,128	4,212	3,564	3,589
Office buildings and warehouses .....	2,028	2,004	1,968	1,956	1,992	1,980	2,028	1,893	2,013
Stores, restaurants, and garages .....	1,656	1,692	1,692	1,776	2,016	2,148	2,184	1,671	1,576
Other nonresidential buildings .....	2,772	2,712	2,688	2,688	2,700	2,820	2,916	2,435	2,704
Farm construction .....	1,560	1,728	1,752	1,728	1,716	1,752	1,752	1,590	1,567
Public utilities .....	5,232	5,532	5,604	5,532	5,364	5,400	5,268	5,414	5,355
All other private .....	204	192	192	168	156	168	192	199	189
<b>PUBLIC CONSTRUCTION</b> .....	15,108	16,788	17,856	16,932	16,296	15,996	16,044	14,017	15,276
Residential buildings .....	876	1,236	1,260	1,188	1,128	1,068	996	506	846
Nonresidential buildings .....	4,728	4,764	4,740	4,656	4,596	4,548	4,548	4,507	4,653
Military facilities .....	1,344	1,500	1,596	1,620	1,500	1,584	1,608	1,287	1,402
Highways .....	5,184	6,000	6,984	6,144	5,664	5,388	5,460	4,892	5,364
Sewer and water systems .....	1,404	1,416	1,416	1,404	1,416	1,416	1,464	1,344	1,387
Sewer .....	852	888	888	876	888	900	912	781	836
Water .....	552	528	528	528	528	516	552	563	551
Public service enterprises .....	468	480	456	504	552	588	612	293	451
Conservation and development .....	960	1,116	1,176	1,188	1,212	1,176	1,140	971	1,019
All other public .....	144	276	228	228	228	228	216	117	154

Source: Department of Commerce, Bureau of the Census.

Chart 2.

## New Construction Put in Place (In 1947-49 Prices)



**Table A-4: New Construction Put in Place: Value in 1947-49 Prices, by Type of Construction**  
(Millions of dollars)

Type of construction	1958	1959				Annual total				
	June	Mar.	Apr.	May	June	1954	1955	1956	1957	1958
<b>TOTAL NEW CONSTRUCTION</b> .....	<b>3,152</b>	<b>2,732</b>	<b>3,038</b>	<b>3,305</b>	<b>3,554</b>	<b>32,395</b>	<b>35,334</b>	<b>34,681</b>	<b>34,944</b>	<b>35,495</b>
<b>PRIVATE CONSTRUCTION</b> .....	<b>2,098</b>	<b>1,923</b>	<b>2,102</b>	<b>2,268</b>	<b>2,427</b>	<b>22,530</b>	<b>25,661</b>	<b>24,805</b>	<b>24,469</b>	<b>24,157</b>
Residential buildings (nonfarm) .....	1,174	1,150	1,305	1,409	1,494	12,777	15,078	13,648	12,903	13,555
Nonresidential buildings .....	510	427	427	463	515	5,073	6,007	6,594	6,805	6,046
Industrial .....	133	107	104	106	111	1,690	1,941	2,306	2,506	1,679
Office buildings & warehouses .....	120	103	103	109	113	789	1,054	1,294	1,389	1,417
Stores, restaurants, & garages .....	101	82	85	107	133	998	1,472	1,441	1,186	1,085
Other nonresidential buildings ..	156	135	135	141	158	1,596	1,540	1,553	1,724	1,865
Farm construction .....	121	95	104	119	132	1,420	1,344	1,252	1,249	1,216
Public utilities .....	281	243	258	268	276	3,170	3,119	3,230	3,384	3,223
All other private .....	12	8	8	9	10	90	113	81	128	117
<b>PUBLIC CONSTRUCTION</b> .....	<b>1,054</b>	<b>809</b>	<b>936</b>	<b>1,037</b>	<b>1,127</b>	<b>9,865</b>	<b>9,673</b>	<b>9,876</b>	<b>10,475</b>	<b>11,338</b>
Residential buildings .....	50	71	70	67	64	281	213	225	383	637
Nonresidential buildings .....	285	248	262	258	271	3,715	3,274	3,017	3,193	3,214
Industrial .....	26	20	21	21	21	1,253	588	339	333	289
Educational .....	177	147	155	151	161	1,694	1,888	1,891	2,003	1,982
Hospital and institutional .....	22	25	26	25	26	263	232	220	250	267
Other nonresidential buildings ..	60	56	60	61	63	505	566	567	607	676
Military facilities .....	93	72	81	90	108	850	1,063	1,059	955	1,028
Highways .....	461	277	363	445	501	3,513	3,633	3,851	4,146	4,615
Sewer and water systems .....	76	66	70	73	75	724	769	859	865	857
Public service enterprises .....	24	18	22	28	30	133	157	240	232	261
Conservation and development .....	58	47	55	63	66	571	497	556	625	633
All other public .....	7	10	13	13	12	78	67	69	76	93

Source: Department of Commerce, Bureau of the Census.

Table A-5: New Public Construction Put in Place, by Source of Funds, Ownership, and Type of Construction

Source of funds, ownership, and type of construction	Value (in millions of dollars)							Percent change		
	1958	1959					First 7 months		July 1959 from	
	July	Mar.	Apr.	May	June	July	1958	1959	July 1958	June 1959
<b>TOTAL PUBLIC CONSTRUCTION</b> .....	1,472	1,119	1,274	1,406	1,531	1,562	7,976	8,967	+ 6	+ 2
Federal funds.....	537	443	512	566	626	633	2,712	3,600	+18	+ 1
Direct Federal.....	306	277	307	337	368	363	1,722	2,183	+19	- 1
Federal grants-in-aid <sup>1</sup> .....	231	166	205	229	258	270	990	1,417	+17	+ 5
State and local funds.....	935	676	762	840	905	929	5,264	5,367	- 1	+ 3
<b>FEDERALLY OWNED</b> .....	306	277	307	337	368	363	1,722	2,183	+19	- 1
Residential buildings.....	28	52	52	51	47	40	169	342	+43	-15
Nonresidential buildings.....	54	50	51	51	52	53	327	355	- 2	+ 2
Industrial.....	36	29	30	30	30	31	233	207	-14	+ 3
Educational.....	1	2	1	1	1	1	5	9	0	0
Hospital.....	3	4	5	5	5	5	18	30	+67	0
Administrative and service.....	11	13	12	12	12	12	55	89	+ 9	0
Other nonresidential.....	3	2	3	3	4	4	16	20	+33	0
Military facilities.....	125	100	112	125	150	150	670	835	+20	0
Highways.....	15	7	10	14	17	18	70	81	+20	+ 6
Conservation and development.....	82	66	78	92	98	97	474	547	+18	- 1
All other federally owned.....	2	2	4	4	4	5	12	23	+150	+25
<b>STATE AND LOCALLY OWNED</b> .....	1,166	842	967	1,069	1,163	1,199	6,254	6,784	+ 3	+ 3
Residential buildings.....	42	44	43	41	41	40	267	300	- 5	- 2
Nonresidential buildings.....	369	317	334	335	353	353	2,287	2,279	- 4	0
Educational.....	261	216	228	226	241	242	1,639	1,570	- 7	( <sup>2</sup> )
Hospital.....	32	33	33	33	34	33	194	219	+ 3	- 3
Administrative and service.....	38	34	38	39	40	40	219	249	+ 5	0
Other nonresidential.....	38	34	35	37	38	38	235	241	0	0
Highways.....	557	313	405	491	558	582	2,554	2,914	+ 4	+ 4
Sewer and water systems.....	128	110	116	122	127	133	775	809	+ 4	+ 5
Sewer.....	77	68	71	74	78	82	459	499	+ 6	+ 5
Water.....	51	42	45	48	49	51	316	310	0	+ 4
All other State and locally owned.....	70	58	69	80	84	91	371	482	+30	+ 8

Source: Departments of Commerce, Bureau of the Census. <sup>1</sup>Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities. <sup>2</sup>Change of less than one-half of 1 percent.

## Part B—Housing

Table B-1: New Nonfarm Dwelling Units Started, by Ownership, Location, and Type of Structure

Period	Total	Ownership		Location <sup>1</sup>		Type of structure			
		Private	Public	Metro- politan	Nonmetro- politan	1-family houses	Units in 2-or-more family structures		
							All	2-4 family	5-or-more family
NUMBER OF NEW DWELLING UNITS (in thousands)									
Year: 1951.....	1,091.3	1,020.1	71.2	776.8	314.5	900.1	191.2	( <sup>2</sup> )	( <sup>2</sup> )
1952.....	1,127.0	1,068.5	58.5	794.9	332.1	942.5	184.5	( <sup>2</sup> )	( <sup>2</sup> )
1953.....	1,103.8	1,068.5	35.5	803.5	300.3	937.8	166.0	( <sup>2</sup> )	( <sup>2</sup> )
1954.....	1,220.4	1,201.7	18.7	896.9	323.5	1,077.9	142.5	51.9	90.6
1955.....	1,328.9	1,309.5	19.4	975.8	353.1	1,194.4	134.5	49.2	85.3
1956.....	1,118.1	1,093.9	24.2	779.8	338.3	989.7	128.4	46.4	82.0
1957.....	1,041.9	992.8	49.1	699.7	342.2	872.7	169.2	51.8	117.4
1958.....	1,209.4	1,141.5	67.9	827.0	382.4	975.1	234.3	62.9	171.4
First 6 months, 1958.....	536.0	498.0	38.0	361.8	174.2	432.1	103.9	28.7	75.2
First 6 months, 1959.....	709.5	690.7	18.8	484.9	224.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1958: June.....	113.0	101.3	11.7	76.8	36.2	93.7	19.3	5.1	14.2
July.....	112.8	108.6	4.2	80.6	32.2	90.6	22.2	5.3	16.9
August.....	124.0	114.6	9.4	82.8	41.2	102.9	21.1	6.0	15.1
September.....	121.0	110.9	10.1	85.0	36.0	98.9	22.1	5.8	16.3
October.....	115.0	112.9	2.1	79.1	35.9	95.0	20.0	5.7	14.3
November.....	109.4	107.0	2.4	73.9	35.5	85.1	24.3	6.1	18.2
December.....	91.2	89.5	1.7	63.8	27.4	70.5	20.7	5.3	15.4
1959: January.....	87.0	84.1	2.9	61.9	25.1	64.1	22.9	5.4	17.5
February.....	94.5	93.5	1.0	61.6	32.9	74.9	19.6	5.1	14.3
March.....	121.0	118.0	2.9	81.2	39.8	95.1	25.9	7.7	18.2
April.....	137.0	133.2	3.8	96.0	41.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
May.....	134.0	130.6	3.4	92.7	41.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
June.....	136.0	131.2	4.8	91.4	44.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Percent change									
First 6 mos., 1958-59.....	+ 32.4	+ 38.7	- 50.5	+ 34.0	+ 28.9	.....	.....	.....	.....
May-June 1959.....	+ 1.5	+ .4	+ 41.2	- 1.4	+ 8.0	.....	.....	.....	.....
June, 1958-59.....	+ 20.4	+ 29.5	- 59.0	+ 19.0	+ 23.2	.....	.....	.....	.....
PERCENT DISTRIBUTION									
Year: 1951.....	100	93.5	6.5	71.2	28.8	82.5	17.5	.....	.....
1952.....	100	94.8	5.2	70.5	29.5	83.6	16.4	.....	.....
1953.....	100	96.8	3.2	72.8	27.2	85.0	15.0	.....	.....
1954.....	100	98.5	1.5	73.5	26.5	88.3	11.7	4.3	7.4
1955.....	100	98.5	1.5	73.4	26.6	89.9	10.1	3.7	6.4
1956.....	100	97.8	2.2	69.7	30.3	88.5	11.5	4.2	7.3
1957.....	100	95.3	4.7	67.2	32.8	85.8	16.2	5.0	11.2
1958.....	100	94.4	5.6	68.4	31.6	80.6	19.4	5.2	14.2
First 6 months, 1958.....	100	92.9	7.1	67.5	32.5	80.6	19.4	5.4	14.0
First 6 months, 1959.....	100	97.4	2.6	68.3	31.7	.....	.....	.....	.....
1958: June.....	100	89.6	10.4	68.0	32.0	82.9	17.1	4.5	12.6
July.....	100	96.3	3.7	71.5	28.5	80.3	19.7	4.7	15.0
August.....	100	92.4	7.6	66.8	33.2	83.0	17.0	4.8	12.2
September.....	100	91.7	8.3	70.2	29.8	81.7	18.3	4.8	13.5
October.....	100	98.2	1.8	68.8	31.2	82.6	17.4	5.0	12.4
November.....	100	97.8	2.2	67.6	32.4	77.8	22.2	5.6	16.6
December.....	100	98.1	1.9	70.0	30.0	77.3	22.7	5.8	16.9
1959: January.....	100	96.7	3.3	71.1	28.9	73.7	26.3	6.2	20.1
February.....	100	98.9	1.1	65.2	34.8	79.3	20.7	5.4	15.3
March.....	100	97.5	2.5	67.7	32.3	78.6	21.4	6.4	15.0
April.....	100	97.2	2.8	70.1	29.9	.....	.....	.....	.....
May.....	100	97.5	2.5	69.2	30.8	.....	.....	.....	.....
June.....	100	96.5	3.5	67.2	32.8	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. <sup>1</sup>Annual data for metropolitan-nonmetropolitan areas not available before 1950; monthly data not available before January 1953. Data by urban and rural-nonfarm classification for 1920-53 are available upon request. <sup>2</sup>Not available prior to January 1954. Tabulations showing the number of units in 2-family and 3-or-more-family structures for 1920-53 are available upon request. <sup>3</sup>Not yet available.



Table B-2: New Private Nonfarm Dwelling Units Started: Seasonally Adjusted Annual Rate

Year	Number of new dwelling units (in thousands)											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1948.....	928	813	950	1,027	997	993	975	897	863	802	806	813
1949.....	800	779	803	892	911	935	964	1,028	1,092	1,149	1,244	1,266
1950.....	1,310	1,300	1,405	1,382	1,457	1,482	1,468	1,486	1,271	1,142	1,107	1,292
1951.....	1,360	1,171	1,071	975	984	941	918	961	1,054	1,012	970	973
1952.....	1,001	1,112	1,072	1,028	1,029	1,016	1,080	1,066	1,101	1,131	1,104	1,097
1953.....	1,104	1,092	1,128	1,134	1,083	1,071	1,036	1,007	1,029	1,034	1,068	1,039
1954.....	1,051	1,100	1,103	1,116	1,102	1,180	1,220	1,226	1,273	1,275	1,376	1,443
1955.....	1,410	1,324	1,349	1,363	1,381	1,372	1,316	1,311	1,285	1,214	1,176	1,174
1956.....	1,195	1,127	1,094	1,157	1,146	1,091	1,070	1,136	1,008	1,052	1,027	1,020
1957.....	962	935	933	962	994	995	1,015	1,056	1,012	1,020	1,009	1,000
1958.....	1,020	915	918	983	1,039	1,057	1,174	1,228	1,255	1,303	1,427	1,432
1959.....	1,364	1,403	1,403	1,390	1,340	1,370						

Source: Department of Commerce, Bureau of the Census.

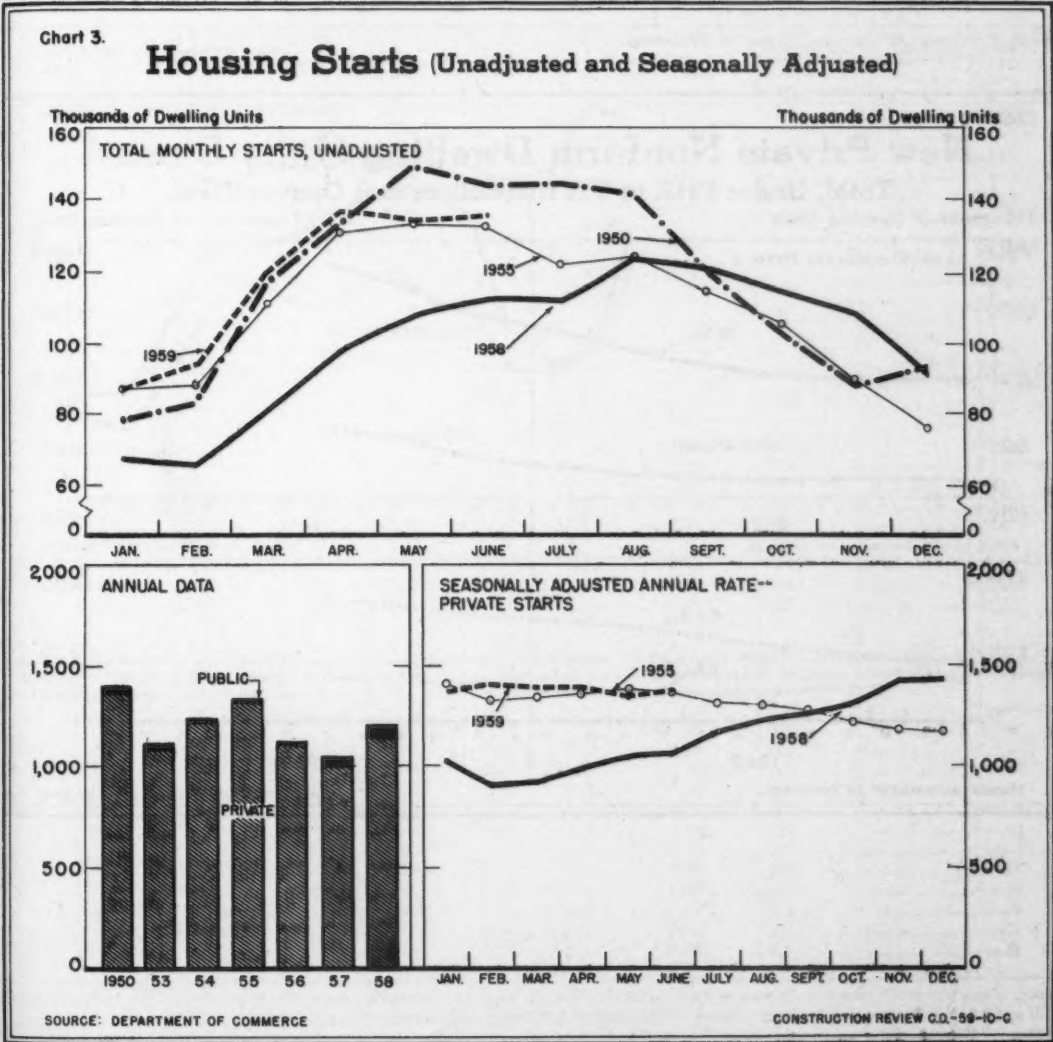


Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
AVERAGE CONSTRUCTION COST													
1948.....	7,250	7,450	7,550	7,775	7,950	8,050	8,050	8,100	7,900	7,825	7,900	7,900	7,850
1949.....	7,650	7,525	7,450	7,500	7,650	7,675	7,525	7,650	7,725	7,675	7,675	7,625	7,625
1950.....	7,625	7,850	8,225	8,450	8,450	8,750	8,875	9,125	8,900	9,200	9,075	9,200	8,675
1951.....	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952.....	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953.....	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954.....	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955.....	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956.....	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957.....	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958.....	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925	12,800	12,950
1959.....	12,450	12,300	13,250										
Percent change, 1958 to 1959													
	-2.5	-4.5	+1.9										

Source: Department of Commerce, Bureau of the Census.

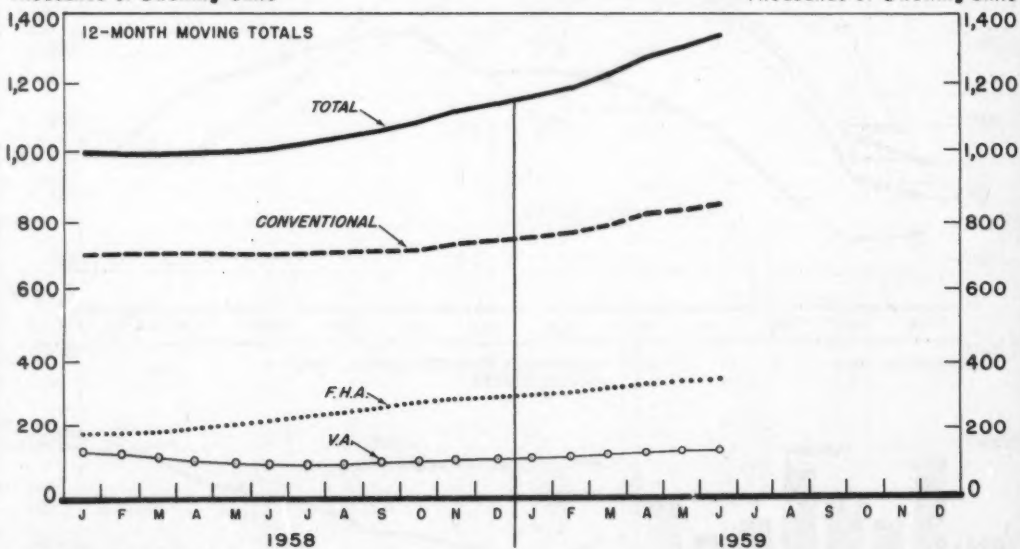
Chart 4.

## New Private Nonfarm Dwelling Units Started

Total, Under FHA or VA Inspection, and Conventional

Thousands of Dwelling Units

Thousands of Dwelling Units



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 59-10-S



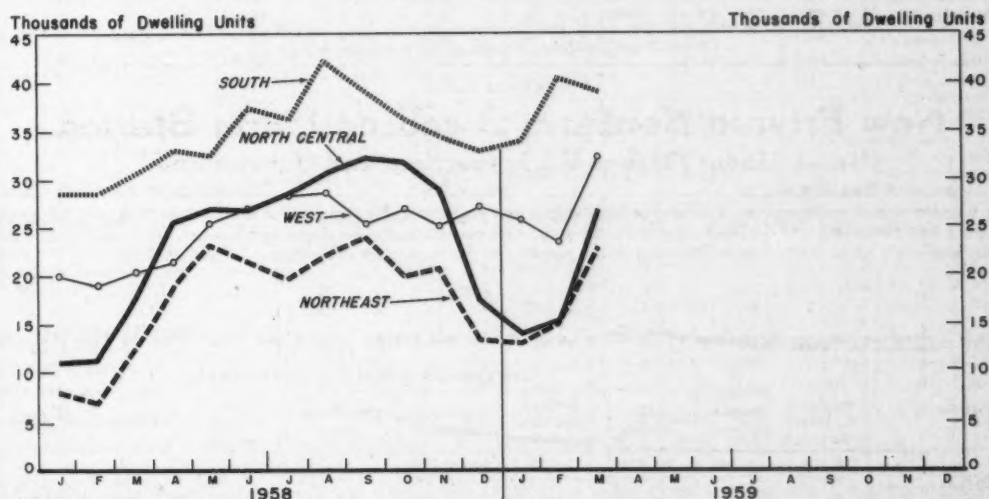
Table B-4: New Nonfarm Dwelling Units Started, by Region<sup>1</sup>

Region	Number of new dwelling units (in thousands)										Percent change, first 3 mos. 1958-59	
	1958						1959			First 3 months		
	Mar.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1958		1959
TOTAL .....	81.4	124.0	121.0	115.0	109.4	91.2	87.0	94.5	121.0	215.4	302.5	+40.4
Northeast.....	12.3	22.2	24.0	19.9	20.8	13.3	13.0	15.1	22.9	27.3	51.0	+86.8
North Central..	18.0	30.7	32.3	31.8	28.9	17.6	14.1	15.4	26.7	40.3	56.2	+39.5
South.....	30.7	42.4	39.3	36.3	34.6	33.1	34.1	40.6	39.1	88.1	113.8	+29.2
West.....	20.4	28.7	25.4	27.0	25.1	27.2	25.8	23.4	32.3	59.7	81.5	+36.5

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Chart 5.

## Housing Starts, By Region



(NOTICE: The Bureau of the Census has announced that the series, "New Nonfarm Dwelling Units Started in Selected States" scheduled for publication in CONSTRUCTION REVIEW in February, May, August, and November, has been discontinued. Problems associated with its resumption are not expected to be resolved until early in 1960. These data were previously shown in Table B-5.)

Table B-6: New Private Dwelling Units: Volume in Successive Stages of FHA and VA Programs

Period	Number (in thousands) of new dwelling units in--								Percent of total private starts under inspection of--	
	FHA applications		VA appraisal requests	Starts under inspection of--		FHA mortgages insured		VA loans closed	FHA	VA
	Total	Excluding Capehart <sup>1</sup>		FHA	VA	Total	Excluding Capehart <sup>1</sup>			
Year: 1954.....	383.3	383.3	535.4	276.3	307.0	150.1	150.1	243.1	23	26
1955.....	314.9	313.5	620.8	276.7	392.9	139.8	139.8	387.6	21	30
1956.....	227.6	219.4	401.5	189.3	270.7	116.2	110.9	313.5	17	25
1957.....	266.1	229.7	159.4	168.4	128.3	118.0	92.6	218.8	17	13
1958.....	434.1	395.9	234.2	295.4	102.1	198.7	157.0	94.0	26	9
1958: June.....	44.7	38.7	28.4	28.0	8.5	18.9	12.7	5.0	28	8
July.....	47.6	37.9	28.5	29.7	10.6	17.4	13.8	5.9	27	10
August.....	43.7	39.6	28.5	30.5	13.2	21.8	12.4	6.5	27	12
September.....	42.1	41.4	26.7	31.9	14.4	22.3	14.5	7.7	29	13
October.....	38.7	37.9	19.1	34.7	14.7	17.8	16.1	10.1	31	13
November.....	26.0	26.0	15.3	25.8	11.0	15.8	15.5	9.8	24	10
December.....	26.2	25.9	14.8	25.0	9.0	17.1	16.7	12.7	28	10
1959: January.....	29.5	28.8	17.9	19.8	6.9	19.8	19.1	14.1	24	8
February.....	35.8	34.6	21.0	20.0	6.2	18.1	18.1	12.6	21	7
March.....	45.2	43.6	23.2	30.0	9.7	19.1	18.7	14.5	26	8
April.....	46.9	45.4	18.9	33.5	11.0	20.9	19.7	12.8	25	8
May.....	44.8	41.4	20.7	34.3	10.3	20.7	18.6	11.6	26	8
June.....	71.3	62.7	27.2	34.7	11.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	26	8
First 6 months:										
1958.....	209.8	187.3	101.3	117.8	29.2	86.4	67.9	41.1	24	6
1959.....	273.7	256.4	128.8	172.4	55.1	.....	.....	.....	25	8
Percent change, 1958 to 1959....	+30.5	+36.9	+27.1	+46.3	+88.7	.....	.....	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. <sup>1</sup>Excludes units under the armed services (Capehart) housing program, which are classified as public and whose inspection while under construction is under the auspices of the Department of Defense. <sup>2</sup>Not available.

Table B-7: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Average Amount, and Total Amount by Type of Lender

Period	Total number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by--						
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	All other lenders
Year: 1954.....	3,458	6,644	22,974	8,312	1,768	4,239	1,501	2,882	4,272
1955.....	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265
1956.....	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
1957.....	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307
1958.....	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133
First 5 mos., 1958....	1,262	7,547	9,522	3,601	538	1,775	503	1,363	1,742
First 5 mos., 1959....	1,507	8,447	12,727	5,092	570	2,460	613	1,575	2,417
1958: May.....	279	7,722	2,151	845	113	418	120	283	373
June.....	287	7,916	2,275	910	110	429	140	279	407
July.....	318	8,000	2,543	986	125	492	165	308	467
August.....	312	8,120	2,535	995	130	476	169	292	473
September.....	318	8,156	2,596	1,022	136	493	170	296	479
October.....	342	8,341	2,857	1,087	150	558	175	324	563
November.....	292	8,333	2,432	932	128	474	154	273	471
December.....	309	8,494	2,629	983	143	508	165	299	531
1959: January.....	278	8,474	2,352	870	121	454	123	300	484
February.....	270	8,321	2,245	865	106	427	113	284	450
March.....	307	8,418	2,586	1,059	116	492	112	318	489
April.....	326	8,513	2,776	1,148	115	553	125	333	502
May.....	326	8,488	2,768	1,151	112	534	140	339	492
Percent change									
First 5 months 1958-59	+19	+12	+34	+41	+6	+39	+22	+16	+39

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board.

Table B-8: Housing Vacancy Rates: Vacancy-Occupancy Status and Condition of Dwelling Units, Nationally

(Percent distribution)

Status and condition of dwelling units	1950	1957				1958				1959	
	Apr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	
Total dwelling units .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Vacant dwelling units:											
Available for occupancy <sup>1</sup> .....	1.6	2.3	2.4	2.5	2.8	2.9	2.8	2.9	2.9	3.2	
For rent <sup>2</sup> .....	1.1	1.8	1.9	2.0	2.2	2.3	2.2	2.3	2.3	2.5	
For sale .....	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	
Rented or sold, awaiting occupancy <sup>1</sup> .....	1.7	.5	.5	.4	.4	.5	.5	.4	.4	.5	
Held off market <sup>1</sup> .....	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.3	2.4	
Dilapidated.....	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.3	1.3	
Seasonal dwelling units <sup>3</sup> .....	2.5	2.8	3.0	2.6	3.5	3.0	3.2	3.0	3.2	3.0	
Occupied dwelling units.....	93.1	90.9	90.8	91.1	89.9	90.2	90.1	90.5	89.9	89.6	

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Nonseasonal, not dilapidated units. <sup>2</sup> Comprises vacant units offered for rent, as well as those being offered either for rent or for sale. <sup>3</sup> Comprises unoccupied units and units temporarily occupied by persons with usual residence elsewhere.

Table B-9: Housing Vacancy Rates: Vacancy-Occupancy Status and Condition of Dwelling Units, by Regional and Metropolitan-Nonmetropolitan Location

(Percent distribution)

Status and condition of dwelling units	1950	1958					1959		1950	1958					1959	
	Apr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	Apr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	1st qtr.	2d qtr.	Apr.	1st qtr.
NORTHEAST																
Total dwelling units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vacant dwelling units:																
Available for occupancy <sup>1</sup>	1.1	1.8	1.8	1.8	1.9	1.8	1.9	1.1	3.0	3.1	3.0	3.1	2.8	2.7		
For rent <sup>2</sup>	.7	1.3	1.4	1.4	1.5	1.4	1.4	0.7	2.2	2.4	2.2	2.3	2.3	2.2		
For sale	.4	.5	.4	.4	.4	.4	.5	.4	.8	.7	.8	.8	.5	.5		
Rented or sold, awaiting occupancy <sup>1</sup>	1.4	.3	.5	.6	.4	.3	.5	1.5	.4	.4	.5	.4	.4	.5		
Held off market <sup>1</sup>	1.2	1.2	1.4	1.1	1.3	1.3		2.3	2.3	2.3	2.1	2.3	2.3	2.7		
Dilapidated	.4	.3	.2	.2	.3	.3	.2	.8	1.0	1.0	.9	.8	1.0	.9		
Seasonal dwelling units <sup>3</sup>	3.9	6.4	5.9	5.8	5.9	5.8	5.6	2.	2.5	2.4	2.3	1.9	2.4	2.5		
Occupied dwelling units	93.2	90.0	90.4	90.2	90.4	90.5	90.5	94.4	90.8	90.8	91.0	91.7	91.1	90.7		
SOUTH																
Total dwelling units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vacant dwelling units:																
Available for occupancy <sup>1</sup>	2.0	3.3	3.3	3.1	3.4	3.6	4.1	2.7	3.3	3.6	3.5	3.0	3.3	4.2		
For rent <sup>2</sup>	1.5	2.7	2.8	2.5	2.8	3.0	3.4	2.0	2.7	3.0	2.9	2.4	2.5	3.3		
For sale	.5	.6	.5	.6	.6	.6	.7	.7	.6	.6	.6	.6	.8	.9		
Rented or sold, awaiting occupancy <sup>1</sup>	1.9	.4	.5	.4	.4	.5	.5	2.3	.4	.6	.5	.5	.5	.7		
Held off market <sup>1</sup>	3.0	2.9	2.6	2.5	3.0	2.8		2.5	2.5	2.8	2.8	3.1	3.1			
Dilapidated	2.2	2.6	2.5	2.5	2.4	2.6	2.5	1.0	.7	.9	.9	.9	.9	1.1		
Seasonal dwelling units <sup>3</sup>	1.4	1.8	1.8	2.5	2.1	2.1	2.1	2.3	3.3	1.6	1.8	2.0	2.4	1.5		
Occupied dwelling units	92.5	88.9	89.0	88.9	89.2	88.2	88.0	91.7	89.8	90.8	90.5	90.8	89.8	89.4		
WEST																
Total dwelling units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vacant dwelling units:																
Available for occupancy <sup>1</sup>	1.6	2.5	2.6	2.5	2.4	2.4	2.7	1.6	3.3	3.4	3.2	3.5	3.5	3.8		
For rent <sup>2</sup>	1.1	1.9	2.1	2.0	2.0	1.9	2.1	1.2	2.6	2.7	2.5	2.7	2.8	3.0		
For sale	.5	.6	.5	.5	.4	.5	.6	.4	.7	.7	.7	.8	.7	.8		
Rented or sold, awaiting occupancy <sup>1</sup>	1.2	.4	.5	.6	.5	.5	.5	2.4	.3	.4	.4	.4	.3	.5		
Held off market <sup>1</sup>	1.2	1.3	1.3	1.1	1.4	1.5		3.5	3.4	3.4	3.4	3.4	3.7	3.6		
Dilapidated	.4	.4	.3	.3	.3	.4	.4	2.0	2.4	2.4	2.5	2.3	2.4	2.4		
Seasonal dwelling units <sup>3</sup>	1.1	1.4	1.3	1.3	1.1	1.4	1.3	4.0	6.3	5.4	5.9	5.8	5.6	5.3		
Occupied dwelling units	95.7	94.1	94.0	94.0	94.6	93.9	93.6	90.0	84.2	85.0	84.6	84.6	84.5	84.4		
INSIDE METROPOLITAN AREAS																
Total dwelling units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vacant dwelling units:																
Available for occupancy <sup>1</sup>	1.6	2.5	2.6	2.5	2.4	2.4	2.7	1.6	3.3	3.4	3.2	3.5	3.5	3.8		
For rent <sup>2</sup>	1.1	1.9	2.1	2.0	2.0	1.9	2.1	1.2	2.6	2.7	2.5	2.7	2.8	3.0		
For sale	.5	.6	.5	.5	.4	.5	.6	.4	.7	.7	.7	.8	.7	.8		
Rented or sold, awaiting occupancy <sup>1</sup>	1.2	.4	.5	.6	.5	.5	.5	2.4	.3	.4	.4	.4	.3	.5		
Held off market <sup>1</sup>	1.2	1.3	1.3	1.1	1.4	1.5		3.5	3.4	3.4	3.4	3.4	3.7	3.6		
Dilapidated	.4	.4	.3	.3	.3	.4	.4	2.0	2.4	2.4	2.5	2.3	2.4	2.4		
Seasonal dwelling units <sup>3</sup>	1.1	1.4	1.3	1.3	1.1	1.4	1.3	4.0	6.3	5.4	5.9	5.8	5.6	5.3		
Occupied dwelling units	95.7	94.1	94.0	94.0	94.6	93.9	93.6	90.0	84.2	85.0	84.6	84.6	84.5	84.4		
OUTSIDE METROPOLITAN AREAS																
Total dwelling units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vacant dwelling units:																
Available for occupancy <sup>1</sup>	1.6	2.5	2.6	2.5	2.4	2.4	2.7	1.6	3.3	3.4	3.2	3.5	3.5	3.8		
For rent <sup>2</sup>	1.1	1.9	2.1	2.0	2.0	1.9	2.1	1.2	2.6	2.7	2.5	2.7	2.8	3.0		
For sale	.5	.6	.5	.5	.4	.5	.6	.4	.7	.7	.7	.8	.7	.8		
Rented or sold, awaiting occupancy <sup>1</sup>	1.2	.4	.5	.6	.5	.5	.5	2.4	.3	.4	.4	.4	.3	.5		
Held off market <sup>1</sup>	1.2	1.3	1.3	1.1	1.4	1.5		3.5	3.4	3.4	3.4	3.4	3.7	3.6		
Dilapidated	.4	.4	.3	.3	.3	.4	.4	2.0	2.4	2.4	2.5	2.3	2.4	2.4		
Seasonal dwelling units <sup>3</sup>	1.1	1.4	1.3	1.3	1.1	1.4	1.3	4.0	6.3	5.4	5.9	5.8	5.6	5.3		
Occupied dwelling units	95.7	94.1	94.0	94.0	94.6	93.9	93.6	90.0	84.2	85.0	84.6	84.6	84.5	84.4		

Source: Department of Commerce, Bureau of the Census. NOTE: See footnotes 1, 2, and 3 to table B-8 above.

## Part C—Building Permits

Table C-1: Building Permit Activity: Current Summary, by Type of Building Construction

Type of building construction	Valuation (in millions of dollars)						Percent change	
	1959			1958	First 5 months		May 1958-59	First 5 months 1958-59
	May	Apr.	Mar.	May	1959	1958		
All building construction <sup>1</sup>	2,202.3	2,304.3	2,120.2	1,923.2	9,460.1	7,527.9	+ 15	+ 26
Private .....	2,001.7	2,044.9	1,938.2	1,558.3	8,445.4	6,378.2	+ 28	+ 32
Public .....	200.6	259.4	182.0	364.9	1,014.7	1,149.7	- 45	- 12
New dwelling units .....	1,272.8	1,346.9	1,188.7	1,002.7	5,304.4	3,802.1	+ 27	+ 40
Number of new dwelling units <sup>2</sup> .....	(113,160)	(120,482)	(109,599)	(92,083)	(486,559)	(357,598)	(+ 23)	(+ 36)
New nonresidential building .....	700.5	715.1	726.0	729.8	3,181.9	2,876.8	- 4	+ 11
Commercial buildings .....	246.0	232.2	331.6	263.1	1,223.0	1,053.2	- 7	+ 16
Stores and other mercantile buildings ..	112.9	116.5	95.9	90.3	486.1	405.0	+ 25	+ 21
All other commercial buildings .....	133.0	115.7	235.7	172.8	736.8	648.2	- 23	+ 14
Community buildings .....	272.6	216.9	212.4	276.6	1,091.0	1,075.5	- 1	+ 1
Industrial buildings .....	96.5	86.0	96.1	55.7	388.3	289.7	+ 73	+ 34
All other nonresidential buildings .....	85.3	179.9	85.9	134.5	479.7	458.3	- 37	+ 5
Additions and alterations .....	198.9	217.0	179.1	168.2	856.3	763.9	+ 18	+ 12

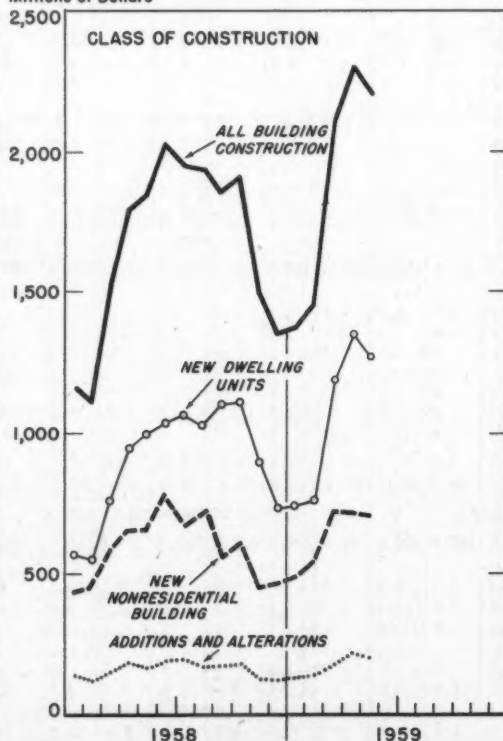
Source: Department of Commerce, Bureau of the Census.  
separately. <sup>2</sup>Housekeeping only.

<sup>1</sup>Includes new nonhousekeeping residential building, not shown

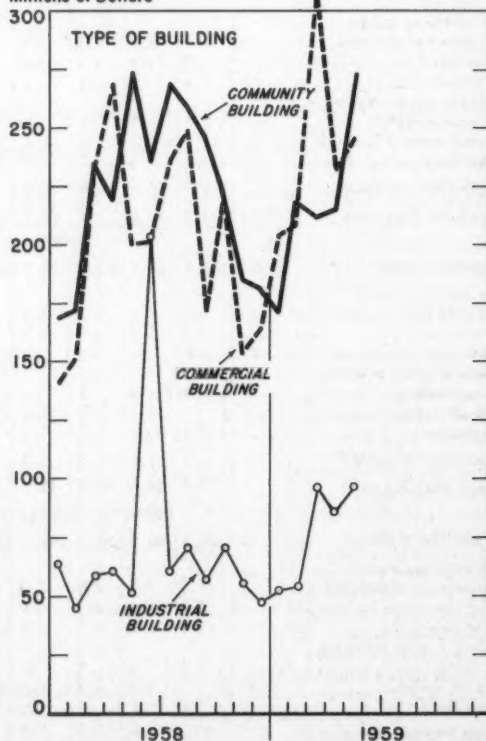
Chart 6.

### Building Permit Activity

Millions of Dollars



Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 59-10-E



Table C-2: Building Permit Activity: Valuation, by Type of Building Construction and Region<sup>1</sup>

Type of building construction	Valuation (in millions of dollars)						Percent change, 1st. 4 months 1958-59
	1958	1959				First 4 months	
	Apr.	Feb.	Mar.	Apr.	1958	1959	
UNITED STATES							
All building construction <sup>2</sup>	1,810.3	1,463.5	2,120.2	2,304.3	5,604.9	7,262.4	+30
New dwelling units <sup>3</sup>	945.5	762.1	1,188.7	1,346.9	2,799.6	4,035.4	+44
New nonresidential building	664.1	546.1	726.0	715.1	2,146.9	2,480.1	+16
Commercial buildings	270.5	208.9	331.6	232.2	790.1	977.3	+24
Amusement buildings	17.8	11.8	22.3	27.3	55.9	75.4	+35
Commercial garages	6.6	2.0	3.8	7.1	19.2	18.1	-6
Gasoline and service stations	11.6	7.9	11.4	12.0	41.9	39.0	-7
Office buildings	117.4	112.6	198.2	69.3	358.4	470.3	+31
Stores and other mercantile bldgs.	117.2	74.7	95.9	116.5	314.7	374.6	+19
Community buildings	219.9	219.1	212.4	216.9	799.0	819.0	+3
Educational buildings	119.6	135.9	132.7	113.1	508.3	491.4	-3
Institutional buildings	51.0	56.3	41.4	44.8	151.7	177.1	+17
Religious buildings	49.2	26.8	38.3	59.0	139.0	150.5	+8
Garages, private residential	18.2	5.4	12.3	23.0	39.2	45.6	+16
Industrial buildings	62.8	54.6	96.1	86.0	234.0	289.3	+24
Public utilities buildings	36.9	21.3	28.4	30.4	133.9	99.5	-26
All other nonresidential buildings	55.8	36.7	45.2	126.4	150.7	249.2	+65
Additions and alterations	184.3	138.0	179.1	217.0	595.7	659.7	+11
Northeast							
All building construction <sup>2</sup>	360.8	349.3	517.4	471.5	1,042.0	1,614.8	+55
New dwelling units <sup>3</sup>	189.2	142.6	237.9	278.5	459.7	783.4	+70
New nonresidential building	132.6	174.3	234.4	135.4	463.3	663.9	+43
Commercial buildings	40.2	85.9	161.6	36.3	133.9	336.3	+151
Amusement buildings	3.2	3.0	4.9	6.0	12.6	15.4	+22
Commercial garages	3.4	.4	2.3	3.3	8.0	7.3	-9
Gasoline and service stations	1.7	1.2	1.9	2.0	6.6	6.4	-3
Office buildings	9.1	69.0	140.4	7.2	58.6	250.8	( <sup>4</sup> )
Stores and other mercantile bldgs.	22.8	12.3	12.2	17.9	48.1	56.5	+17
Community buildings	52.6	68.4	46.0	64.4	167.2	223.1	+33
Educational buildings	23.3	52.1	28.8	38.2	100.3	150.0	+50
Institutional buildings	17.0	10.3	8.6	15.0	40.7	43.1	+6
Religious buildings	12.2	6.0	8.6	11.2	26.2	30.0	+15
Garages, private residential	3.7	.9	2.1	4.3	7.4	8.2	+11
Industrial buildings	21.7	10.9	14.0	17.2	74.1	56.3	-24
Public utilities buildings	6.3	3.3	3.1	7.4	42.1	15.1	-64
All other nonresidential buildings	8.2	4.9	7.6	5.8	38.6	24.9	-35
Additions and alterations	35.9	29.5	37.8	53.6	109.6	151.6	+38
North Central							
All building construction <sup>2</sup>	543.8	267.5	489.0	666.6	1,396.7	1,669.4	+20
New dwelling units <sup>3</sup>	279.1	149.0	294.5	405.9	697.6	979.5	+40
New nonresidential building	212.0	90.7	146.3	199.6	541.8	528.0	-3
Commercial buildings	86.5	24.3	47.2	66.1	197.0	166.4	-16
Amusement buildings	4.5	2.6	4.6	4.5	14.7	14.1	-4
Commercial garages	1.8	.8	.6	1.3	3.8	4.2	+11
Gasoline and service stations	3.8	2.2	3.3	3.4	12.7	10.4	-18
Office buildings	52.7	8.0	15.8	20.9	95.4	55.0	-42
Stores and other mercantile bldgs.	23.6	10.7	22.9	36.0	70.4	82.8	+18
Community buildings	82.0	43.4	53.8	58.1	220.3	194.1	-12
Educational buildings	46.9	15.6	29.5	29.1	129.6	96.1	-26
Institutional buildings	17.6	21.9	14.6	10.7	44.8	57.3	+28
Religious buildings	17.5	5.9	9.7	18.3	45.9	40.6	-12
Garages, private residential	10.3	1.5	5.2	13.6	17.6	21.4	+22
Industrial buildings	17.6	14.9	25.4	34.9	66.1	86.6	+31
Public utilities buildings	5.6	4.3	6.4	4.3	21.4	20.4	-5
All other nonresidential buildings	10.1	2.4	8.3	22.6	19.5	39.1	+101
Additions and alterations	49.5	26.2	42.5	57.4	150.1	149.3	-1

See footnotes at end of table.

Table C-2: Building Permit Activity: Valuation, by Type of Building Construction and Region <sup>1</sup>--Continued

Type of building construction	Valuation (in millions of dollars)						Percent change, 1st 4 months 1958-59
	1958	1959			First 4 months		
	Apr.	Feb.	Mar.	Apr.	1958	1959	
	South						
All building construction <sup>2</sup>	457.7	427.8	537.6	548.5	1,625.4	1,938.5	+ 19
New dwelling units <sup>3</sup>	249.0	244.6	303.1	323.0	862.1	1,099.8	+ 28
New nonresidential building	151.5	138.2	177.1	164.4	570.0	634.5	+ 11
Commercial buildings	77.7	62.4	72.1	63.0	221.5	261.5	+ 18
Amusement buildings	5.9	2.8	7.1	4.4	15.7	19.4	+ 24
Commercial garages	1.2	.5	.2	.4	3.2	2.6	-19
Gasoline and service stations	3.9	2.5	3.4	3.8	14.1	12.3	-13
Office buildings	35.5	20.7	28.0	17.5	86.1	86.2	( <sup>5</sup> )
Stores and other mercantile bldgs.	31.2	35.8	33.5	37.0	102.4	141.1	+ 38
Community buildings	39.0	43.6	55.0	50.5	231.0	199.5	-14
Educational buildings	21.7	22.9	33.5	21.5	151.2	109.8	-27
Institutional buildings	4.3	12.4	9.8	11.9	36.1	42.8	+19
Religious buildings	13.0	8.3	11.7	17.1	43.7	46.9	+ 7
Garages, private residential	1.9	1.4	2.2	2.2	5.7	6.9	+21
Industrial buildings	12.7	12.2	30.1	11.5	45.8	70.5	+54
Public utilities buildings	11.2	9.3	9.8	10.2	30.9	39.5	+28
All other nonresidential buildings	8.9	9.2	7.8	26.9	35.1	56.5	+61
Additions and alterations	51.3	39.7	50.0	54.4	174.2	179.0	+ 3
	West						
All building construction <sup>2</sup>	447.9	419.0	576.1	617.7	1,540.8	2,039.7	+ 32
New dwelling units <sup>3</sup>	228.2	225.9	353.1	339.4	780.3	1,172.6	+ 50
New nonresidential building	168.0	142.9	168.2	215.7	571.8	653.6	+ 14
Commercial buildings	66.2	36.3	50.7	66.8	237.7	213.0	-10
Amusement buildings	4.1	3.5	5.7	12.4	12.9	26.6	+106
Commercial garages	.2	.3	.7	2.1	4.2	3.9	-7
Gasoline and service stations	2.1	1.9	2.9	2.8	8.6	9.9	+15
Office buildings	20.1	14.8	14.0	23.8	118.3	78.4	-34
Stores and other mercantile bldgs.	39.6	15.8	27.3	25.7	93.7	94.2	+ 1
Community buildings	46.3	63.7	57.5	44.0	180.5	202.4	+ 12
Educational buildings	27.6	45.3	40.9	24.3	127.2	135.5	+ 7
Institutional buildings	12.2	11.7	8.4	7.3	30.1	34.0	+ 13
Religious buildings	6.5	6.7	8.2	12.5	23.2	33.1	+43
Garages, private residential	2.4	1.7	2.8	2.9	8.5	9.0	+ 6
Industrial buildings	10.8	16.6	26.6	22.4	48.1	75.9	+58
Public utilities buildings	13.8	4.4	9.0	8.5	39.4	24.5	-38
All other nonresidential buildings	28.6	20.2	21.6	71.2	57.6	128.8	+ 124
Additions and alterations	47.6	42.7	48.7	51.7	161.7	179.9	+ 11

Source: Department of Commerce, Bureau of the Census. <sup>1</sup>Composition of regions, and nonfarm population distribution by region, are shown below table A-2. <sup>2</sup>Includes new nonhousekeeping building, not shown separately. <sup>3</sup>Housekeeping only. <sup>4</sup>Percent increase exceeds 300. <sup>5</sup>Change of less than one-half of 1 percent.

Table C-3: Building Permit Activity: Number of Nonresidential Buildings, by Type of Building

Type of building construction	1958					1959			
	Apr.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Amusement buildings	328	261	212	207	178	172	233	277	406
Commercial garages	87	96	121	91	51	49	67	78	90
Educational buildings	440	351	417	270	269	292	305	394	408
Garages, private residential	18,898	23,005	21,902	13,181	5,836	5,049	5,600	12,385	22,745
Gasoline and service stations	721	660	739	560	540	504	497	702	790
Industrial buildings	1,112	1,134	1,309	1,011	880	922	998	1,289	1,527
Institutional buildings	115	128	125	92	106	98	101	127	127
Office buildings	645	649	749	528	511	566	560	823	881
Religious buildings	585	540	583	432	380	340	370	531	633
Stores and other mercantile buildings	2,411	2,305	2,444	1,977	1,713	1,848	1,976	2,849	3,162

Source: Department of Commerce, Bureau of the Census.



**Table C-4: Building Permit Activity: Valuation and Number of New Dwelling Units, by Type of Structure, Public-Private Ownership, and Region<sup>1</sup>**

(Housekeeping units only)

Ownership and type of structure	Valuation (in millions of dollars)					Number of dwelling units				
	1958		1959		First 4 months	1958		1959		First 4 months
	Apr.	Mar.	Apr.	1958	1959	Apr.	Mar.	Apr.	1958	1959
	UNITED STATES									
All new dwelling units ..	945.5	1,188.7	1,346.9	2,799.6	4,035.4	88,315	109,599	120,482	265,539	373,967
Privately owned .....	919.2	1,176.5	1,305.1	2,695.1	3,937.9	85,619	108,425	116,609	255,796	364,934
1-family .....	795.5	991.9	1,108.9	2,307.8	3,284.3	66,577	81,408	89,102	196,305	272,044
2-4 family .....	38.3	59.4	59.4	120.6	190.1	5,473	8,186	7,863	17,714	26,264
5-or-more family .....	85.4	125.2	136.7	266.6	463.4	13,569	18,831	19,644	41,777	66,626
Publicly owned .....	26.3	12.2	41.8	104.5	97.4	2,696	1,174	3,873	9,743	9,033
Northeast										
All new dwelling units ..	189.2	237.9	278.5	459.7	783.4	17,007	22,161	24,613	41,098	71,982
Privately owned .....	177.0	228.6	249.0	437.4	729.5	15,882	21,369	21,763	39,113	66,948
1-family .....	147.7	167.9	198.3	365.0	515.8	11,795	13,286	15,409	29,300	40,537
2-4 family .....	7.5	17.1	19.3	20.1	52.4	1,021	2,184	2,290	2,658	6,567
5-or-more family .....	21.7	43.6	31.4	52.3	161.3	3,066	5,899	4,064	7,155	19,844
Publicly owned .....	12.2	9.3	29.5	22.3	53.9	1,125	792	2,850	1,985	5,034
North Central										
All new dwelling units ..	279.1	294.5	405.9	697.6	979.5	22,253	22,564	30,917	55,348	75,935
Privately owned .....	271.4	294.5	399.1	676.2	957.1	21,359	22,564	30,492	53,311	74,192
1-family .....	246.7	264.3	354.8	605.7	847.4	18,223	19,163	25,527	44,554	61,641
2-4 family .....	11.1	13.5	12.9	29.6	40.8	1,254	1,450	1,375	3,375	4,418
5-or-more family .....	13.4	16.6	31.4	41.0	69.0	1,882	1,951	3,590	5,382	8,133
Publicly owned .....	7.7	0	6.9	21.3	22.4	894	0	425	2,037	1,743
South										
All new dwelling units ..	249.0	303.1	323.0	862.1	1,099.8	26,292	30,716	32,167	90,078	112,234
Privately owned .....	242.9	300.7	320.2	811.0	1,086.5	25,641	30,378	31,869	85,274	110,700
1-family .....	218.9	280.0	287.7	730.6	996.6	21,282	26,341	26,558	71,222	94,257
2-4 family .....	7.2	8.1	6.6	25.3	27.0	1,309	1,472	1,205	4,722	4,975
5-or-more family .....	16.9	12.6	25.9	55.1	62.8	3,050	2,565	4,106	9,330	11,468
Publicly owned .....	6.0	2.5	2.8	51.0	13.4	651	338	298	4,804	1,534
West										
All new dwelling units ..	228.2	353.1	339.4	780.3	1,172.6	22,763	34,158	32,785	79,015	113,816
Privately owned .....	227.9	352.7	336.8	770.5	1,164.9	22,737	34,114	32,485	78,098	113,094
1-family .....	182.2	279.7	268.1	606.4	924.5	15,277	22,618	21,608	51,229	75,609
2-4 family .....	12.4	20.6	20.6	45.7	69.9	1,889	3,080	2,993	6,959	10,304
5-or-more family .....	33.4	52.4	48.0	118.3	170.3	5,571	8,416	7,884	19,910	27,181
Publicly owned .....	.3	.4	2.6	9.8	7.7	26	44	300	917	722

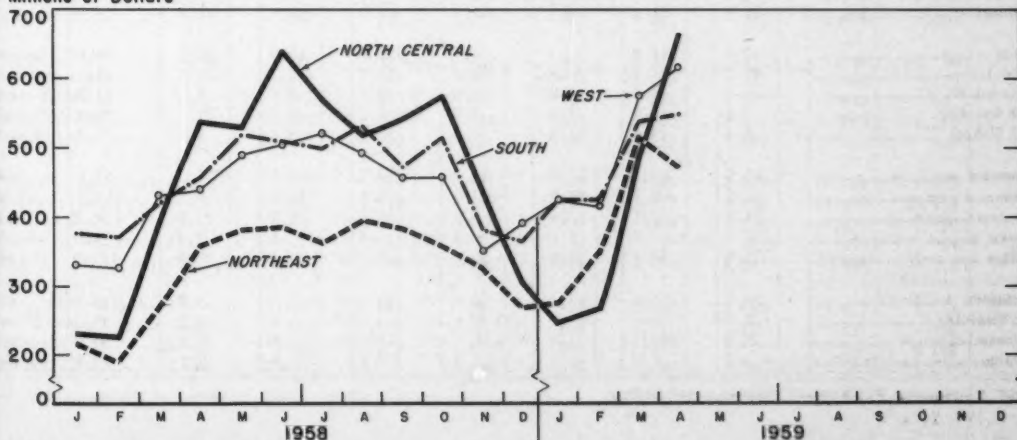
Source: Department of Commerce, Bureau of the Census.

<sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Chart 7.

**Building Permit Activity, By Region**

Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 59-10-F

Table C-5: Building Permit Activity: Total Valuation, by Metropolitan-Nonmetropolitan Location and by State

(Housekeeping units only)									
State	Valuation (in millions of dollars)								Percent change, 1st 3 mos. 1958-59
	1958			1959			First 3 months		
	Mar.	Nov.	Dec.	Jan.	Feb.	Mar.	1958	1959	
ALL STATES .....	1,523.8	1,499.8	1,335.8	1,370.6	1,463.5	2,120.2	3,794.6	4,958.1	+31
Metropolitan areas .....	1,203.1	1,176.4	1,045.3	1,085.6	1,170.1	1,699.9	3,008.6	3,959.3	+32
Nonmetropolitan areas .....	320.7	323.4	290.5	285.0	293.4	420.3	786.0	998.8	+27
Alabama .....	21.1	16.3	16.7	21.4	21.5	23.9	52.9	66.9	+26
Arizona .....	23.6	18.3	24.6	27.6	25.8	33.2	56.8	86.6	+52
Arkansas .....	6.3	4.1	6.6	6.6	6.4	7.0	15.2	19.9	+31
California .....	318.7	240.4	269.6	289.7	299.3	398.7	774.8	991.4	+28
Colorado .....	15.1	27.4	25.0	24.5	18.3	29.2	55.2	72.0	+30
Connecticut .....	20.2	27.6	18.9	20.0	19.3	32.9	56.7	72.3	+28
Delaware .....	3.6	5.9	2.7	3.3	3.0	12.0	17.4	18.3	+5
District of Columbia .....	6.6	21.3	6.1	5.3	2.4	15.7	28.9	23.3	-19
Florida .....	69.6	65.0	73.9	80.3	88.9	82.1	224.0	251.3	+12
Georgia .....	27.3	28.4	28.4	30.3	37.6	33.0	75.2	101.0	+34
Idaho .....	3.9	5.0	2.9	2.4	3.1	4.7	6.7	10.1	+51
Illinois .....	110.6	115.8	66.9	54.9	61.1	118.8	221.4	234.8	+6
Indiana .....	30.4	28.8	21.9	17.9	18.4	38.4	74.2	74.7	+1
Iowa .....	17.4	15.2	10.0	8.9	8.9	17.1	27.8	34.9	+26
Kansas .....	10.6	12.5	9.9	8.3	12.4	20.1	32.0	40.7	+27
Kentucky .....	15.5	12.8	8.4	7.7	13.4	18.4	35.3	39.5	+12
Louisiana .....	31.2	21.7	19.0	23.0	22.7	30.3	80.9	76.0	-6
Maine .....	.9	3.1	1.0	.9	.4	1.8	1.8	3.1	+72
Maryland .....	35.5	32.2	27.6	41.5	28.6	49.4	92.4	119.5	+29
Massachusetts .....	31.5	34.1	33.2	21.5	22.1	88.4	69.5	132.1	+90
Michigan .....	64.5	66.3	40.3	38.9	33.8	78.2	130.9	151.0	+15
Minnesota .....	22.1	29.3	22.1	16.3	16.5	33.1	46.2	65.9	+43
Mississippi .....	2.9	3.9	2.5	4.6	4.8	5.1	12.5	14.6	+17
Missouri .....	23.1	50.7	23.4	29.2	30.2	38.8	59.6	98.3	+65
Montana .....	1.5	3.9	1.5	1.2	1.1	4.4	4.1	6.7	+63
Nebraska .....	5.4	8.6	9.4	5.4	5.7	11.4	11.0	22.4	+104
Nevada .....	3.8	4.7	4.6	6.1	5.4	7.9	10.5	19.4	+85
New Hampshire .....	3.4	2.4	3.0	1.8	1.5	3.6	6.1	6.9	+13
New Jersey .....	62.6	63.9	46.6	40.6	42.9	87.7	141.8	171.3	+21
New Mexico .....	9.6	7.8	10.2	12.5	11.7	11.9	29.6	36.1	+22
New York .....	102.7	134.6	120.4	134.5	208.4	220.8	275.7	563.7	+104
North Carolina .....	17.6	20.1	15.7	18.6	18.5	24.0	51.7	61.1	+18
North Dakota .....	1.6	2.9	.4	.5	.3	2.0	2.3	2.8	+22
Ohio .....	78.7	77.3	78.2	46.4	60.8	99.9	175.6	207.1	+18
Oklahoma .....	22.6	11.0	13.1	12.4	15.2	31.4	48.8	59.0	+21
Oregon .....	12.9	10.0	10.7	11.3	12.8	16.9	31.0	41.0	+32
Pennsylvania .....	47.7	54.1	39.9	54.1	51.7	75.7	120.0	181.5	+51
Rhode Island .....	3.7	4.7	3.0	3.0	2.5	6.0	8.1	11.5	+42
South Carolina .....	5.4	4.9	5.3	7.9	6.2	6.7	15.3	20.8	+36
South Dakota .....	3.4	3.6	1.9	1.4	1.5	3.3	4.8	6.3	+31
Tennessee .....	15.1	12.8	17.1	17.9	19.5	26.2	51.5	63.6	+23
Texas .....	97.6	88.3	88.9	102.5	95.9	116.0	259.1	314.4	+21
Utah .....	14.2	7.1	12.4	5.9	8.5	21.8	33.0	36.2	+10
Vermont .....	1.1	.7	3.1	.2	.4	.4	1.4	1.0	-29
Virginia .....	35.0	30.3	32.0	35.5	40.0	50.4	90.5	125.9	+39
Washington .....	28.3	25.6	30.4	40.5	30.5	44.6	85.0	115.6	+36
West Virginia .....	6.4	4.1	2.7	5.8	3.2	6.1	16.2	15.0	-7
Wisconsin .....	28.2	28.5	21.9	18.1	17.8	28.0	67.1	63.9	-5
Wyoming .....	2.9	1.8	2.0	1.5	2.4	2.9	6.1	6.8	+11

Source: Department of Commerce, Bureau of the Census.

Table C-6: Building Permit Activity: Number of New Dwelling Units, by Metropolitan-Nonmetropolitan Location and by State

State	(Housekeeping units only)								
	1958			1959			First 3 months		Percent change, 1st 3 mos. 1958-59
	Mar.	Nov.	Dec.	Jan.	Feb.	Mar.	1958	1959	
ALL STATES .....	71,378	83,082	69,303	71,262	72,324	109,599	177,224	253,485	+43
Metropolitan areas .....	55,289	64,856	54,547	55,686	55,493	85,472	136,930	196,951	+44
Nonmetropolitan areas .....	16,089	18,226	14,756	15,576	16,831	24,127	40,294	56,534	+40
Alabama .....	1,589	1,268	1,105	1,542	1,545	1,847	3,704	4,934	+33
Arizona .....	2,093	1,450	2,114	2,273	2,230	2,447	4,596	6,950	+51
Arkansas .....	366	302	251	359	305	448	967	1,112	+15
California .....	14,384	15,698	16,223	16,568	15,434	24,424	39,458	56,726	+44
Colorado .....	949	1,478	1,242	977	1,136	1,789	3,158	3,902	+24
Connecticut .....	964	1,464	823	791	901	1,399	1,899	3,091	+63
Delaware .....	112	332	83	56	99	447	684	602	-12
District of Columbia .....	256	522	27	107	76	33	1,107	216	-80
Florida .....	4,700	4,664	5,141	4,973	5,887	5,622	15,463	16,482	+7
Georgia .....	1,230	1,418	1,244	1,791	1,527	2,027	4,078	5,345	+31
Idaho .....	164	130	132	106	145	185	296	436	+47
Illinois .....	4,806	5,636	3,198	1,979	2,337	5,550	8,424	9,866	+17
Indiana .....	1,189	1,229	770	686	663	1,636	2,515	2,985	+19
Iowa .....	602	680	433	321	282	748	995	1,351	+36
Kansas .....	459	675	437	401	619	982	1,234	2,002	+62
Kentucky .....	841	790	532	474	713	1,028	1,581	2,215	+40
Louisiana .....	1,334	1,045	1,081	1,208	1,198	1,718	3,466	4,124	+19
Maine .....	42	100	22	12	16	52	71	80	+13
Maryland .....	1,394	1,843	1,617	1,904	1,881	2,417	4,560	6,202	+36
Massachusetts .....	1,178	1,545	954	767	613	1,308	2,315	2,688	+16
Michigan .....	2,303	2,901	1,894	1,673	1,522	3,836	4,915	7,031	+43
Minnesota .....	867	1,336	1,276	698	726	1,310	1,758	2,734	+56
Mississippi .....	173	209	156	502	225	383	717	1,110	+55
Missouri .....	863	1,951	897	1,951	1,869	1,548	2,413	5,368	+122
Montana .....	80	124	77	44	38	252	265	334	+26
Nebraska .....	383	406	362	171	264	717	682	1,152	+69
Nevada .....	200	367	227	371	218	347	574	936	+63
New Hampshire .....	192	140	69	61	49	233	248	343	+38
New Jersey .....	2,980	3,857	2,236	1,869	2,225	5,470	6,244	9,564	+53
New Mexico .....	695	694	733	829	828	901	1,875	2,558	+36
New York .....	3,892	7,647	5,987	7,082	7,210	9,658	8,878	23,950	+170
North Carolina .....	1,026	982	830	860	996	1,311	2,656	3,167	+19
North Dakota .....	61	186	16	23	20	102	99	145	+46
Ohio .....	3,095	4,327	2,173	1,967	2,467	4,445	7,154	8,879	+24
Oklahoma .....	812	768	725	785	901	933	1,819	2,619	+44
Oregon .....	541	449	535	446	516	758	1,128	1,720	+52
Pennsylvania .....	2,148	2,254	1,535	1,616	1,769	3,732	4,066	7,117	+75
Rhode Island .....	175	245	247	104	118	280	340	502	+48
South Carolina .....	298	272	242	371	383	457	805	1,211	+50
South Dakota .....	68	150	81	85	53	181	143	319	+123
Tennessee .....	1,028	1,070	1,432	1,108	1,361	1,689	2,718	4,158	+53
Texas .....	5,547	5,128	5,330	6,435	5,697	7,304	14,479	19,436	+34
Utah .....	475	457	808	307	399	824	1,155	1,530	+32
Vermont .....	15	35	19	1	4	29	30	34	+13
Virginia .....	1,938	2,040	1,386	1,341	2,484	2,773	4,483	6,598	+47
Washington .....	1,237	1,182	1,344	2,197	1,352	2,085	3,427	5,634	+64
West Virginia .....	201	175	86	100	157	279	499	536	+7
Wisconsin .....	1,302	1,370	1,073	880	797	1,509	2,763	3,186	+15
Wyoming .....	131	91	98	90	69	146	320	305	-5

Source: Department of Commerce, Bureau of the Census.

Table C-7: Building Permit Activity: Valuation, in Selected Metropolitan Areas

Metropolitan area	Valuation (in millions of dollars)								Percent change, 1st 3 mos. 1958-59
	1958			1959			First 3 months		
	Mar.	Nov.	Dec.	Jan.	Feb.	Mar.	1958	1959	
Atlanta, Ga. ....	19.3	19.4	21.6	17.7	28.8	16.3	48.7	62.8	+29
Baltimore, Md. ....	18.2	14.8	10.5	14.4	13.5	23.4	53.4	51.3	-4
Birmingham, Ala. ....	9.0	5.5	5.1	6.9	7.1	9.1	24.0	23.1	-4
Boston, Mass. ....	15.2	21.4	22.0	11.1	16.4	74.6	39.0	102.0	+162
Buffalo, N. Y. ....	16.1	8.7	6.5	6.1	5.8	9.8	28.2	21.7	-23
Chicago, Ill. ....	98.1	104.1	64.3	50.3	59.6	105.7	203.5	215.6	+6
Cleveland, Ohio. ....	20.2	25.5	37.3	15.6	15.3	24.2	49.2	55.1	+12
Columbus, Ohio. ....	17.6	11.1	8.5	6.5	12.7	15.1	34.8	34.4	-1
Denver, Colo. ....	9.0	13.9	13.8	18.8	11.4	18.5	34.2	48.7	+42
Detroit, Mich. ....	37.4	42.4	25.8	25.5	23.2	48.7	80.2	97.4	+21
Indianapolis, Ind. ....	7.9	5.6	4.5	3.7	4.5	11.0	22.5	19.2	-15
Los Angeles-Long Beach, Calif. ....	142.7	95.8	110.1	122.4	124.4	181.5	368.6	428.3	+16
Miami, Fla. ....	18.4	18.7	17.0	27.9	33.5	24.4	70.7	85.8	+21
Milwaukee, Wis. ....	10.7	10.5	9.7	9.8	9.0	13.4	28.2	32.2	+14
New York-Northeastern New Jersey ..	107.9	139.0	127.2	148.7	216.9	250.1	289.2	615.7	+113
Norfolk-Portsmouth, Va. ....	4.8	3.8	5.2	4.0	5.6	7.2	14.8	16.8	+14
Philadelphia, Pa. ....	28.7	36.1	29.0	29.8	37.8	45.2	77.5	112.7	+45
Phoenix, Ariz. ....	19.2	13.9	17.2	16.8	17.2	22.4	43.9	56.4	+28
Rochester, N. Y. ....	3.3	6.7	3.1	2.4	2.8	5.2	8.8	10.3	+17
Salt Lake City, Utah. ....	6.3	3.7	8.9	3.1	2.9	12.3	16.6	18.3	+10
San Diego, Calif. ....	20.5	26.0	29.1	36.3	33.5	35.5	77.8	105.3	+35
San Francisco-Oakland, Calif. ....	69.6	34.0	37.1	39.8	41.2	50.5	125.2	135.2	+8
Seattle, Wash. ....	14.8	13.8	13.6	32.6	19.2	21.5	48.9	73.2	+50
Washington, D. C. ....	27.4	42.8	31.3	38.3	26.4	52.8	81.1	117.6	+45

Source: Department of Commerce, Bureau of the Census.

Table C-8: Building Permit Activity: Number of New Dwelling Units, in Selected Metropolitan Areas

(Housekeeping only)

Metropolitan area	1958			1959			First 3 months		Percent change, 1st 3 mos. 1958-59
	Mar.	Nov.	Dec.	Jan.	Feb.	Mar.	1958	1959	
Atlanta, Ga.....	651	902	716	1,072	860	1,190	2,151	3,122	+ 45
Baltimore, Md.....	661	896	605	744	940	860	2,500	2,544	+ 2
Birmingham, Ala.....	626	380	486	627	475	644	1,451	1,746	+ 20
Boston, Mass.....	608	792	474	271	266	551	1,110	1,088	- 2
Buffalo, N. Y. ....	430	490	222	153	227	492	877	872	- 1
Chicago, Ill. ....	4,380	5,029	2,974	1,835	2,103	4,941	7,544	8,879	+ 18
Cleveland, Ohio .....	615	1,147	594	592	750	973	1,458	2,315	+ 59
Columbus, Ohio.....	503	633	416	288	344	763	1,644	1,395	- 15
Denver, Colo. ....	553	942	900	648	815	1,219	2,218	2,682	+ 21
Detroit, Mich. ....	1,270	1,866	1,200	1,061	1,050	2,601	2,906	4,712	+ 62
Indianapolis, Ind.....	404	326	184	208	238	517	1,010	963	- 5
Los Angeles-Long Beach, Calif.....	6,549	5,773	6,434	6,231	5,733	9,992	18,788	21,956	+ 17
Miami, Fla.....	1,305	1,694	1,115	1,127	1,527	1,495	4,885	4,149	- 15
Milwaukee, Wis. ....	508	452	566	470	342	681	1,263	1,493	+ 18
New York-Northeastern New Jersey.....	4,748	8,664	6,171	7,881	7,872	12,163	10,733	27,916	+ 160
Norfolk-Portsmouth, Va. ....	418	379	234	168	371	387	844	926	+ 10
Philadelphia, Pa. ....	1,206	1,695	1,428	1,391	1,408	2,617	2,613	5,416	+ 107
Phoenix, Ariz.....	1,714	1,101	1,473	1,489	1,443	1,603	3,746	4,535	+ 21
Rochester, N. Y. ....	175	227	150	108	104	348	351	560	+ 60
Salt Lake City, Utah .....	230	234	586	124	140	411	638	675	+ 6
San Diego, Calif. ....	1,579	1,914	2,228	2,088	2,435	2,427	4,734	6,950	+ 47
San Francisco-Oakland, Calif. ....	1,813	2,196	1,932	2,101	1,647	3,359	4,234	7,407	+ 75
Seattle, Wash. ....	648	732	898	1,782	871	1,147	1,921	3,800	+ 98
Washington, D. C.....	1,285	1,540	1,269	1,356	1,554	1,999	3,866	4,909	+ 27

Source: Department of Commerce, Bureau of the Census.



**Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas  
by Type of Building Construction**

First 3 months, 1959 (Thousands of dollars)

Type of building construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio	Columbus, Ohio
All building construction <sup>1</sup> .....	62,758	51,255	23,145	102,011	21,659	215,594	55,150	34,364
New dwelling units <sup>2</sup> .....	27,411	26,272	15,374	13,579	9,553	125,968	33,744	20,469
New nonresidential building.....	31,577	22,148	5,414	76,432	10,255	69,256	16,999	10,413
Commercial buildings.....	14,363	5,664	4,026	62,931	1,355	15,587	7,678	2,377
Amusement buildings.....	601	1,656	89	207	384	2,491	500	77
Commercial garages.....	628	202	240	23	150	24	19	0
Gasoline and service stations.....	258	250	68	149	200	1,121	171	72
Office buildings.....	5,459	1,366	1,190	61,327	185	3,643	3,037	540
Stores and other mercantile bldgs.....	7,417	2,190	2,438	1,226	435	8,308	3,950	1,689
Community buildings.....	6,776	7,847	749	8,756	4,812	28,893	6,318	7,136
Educational buildings.....	3,634	7,618	0	7,546	3,657	10,792	3,951	1,242
Institutional buildings.....	2,148	0	210	810	0	15,158	241	5,709
Religious buildings.....	994	229	539	400	1,155	2,943	2,126	185
Garages, private residential.....	78	117	105	111	154	1,883	389	335
Industrial buildings.....	3,264	1,929	340	2,087	1,066	14,767	1,552	287
Public utilities buildings.....	5,917	5,619	24	1,907	958	3,466	780	9
All other nonresidential buildings.....	1,179	972	170	641	1,910	4,659	282	269
Additions and alterations.....	3,770	2,797	2,283	11,448	1,804	19,110	4,100	2,345
	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.	New York-Northeastern New Jersey	Norfolk-Portsmouth, Va.
All building construction <sup>1</sup> .....	48,716	97,395	19,249	428,349	85,807	32,227	615,732	16,846
New dwelling units <sup>2</sup> .....	30,382	58,903	12,175	228,737	37,279	19,591	286,508	10,024
New nonresidential building.....	10,070	28,510	4,037	146,107	35,643	9,458	286,069	4,674
Commercial buildings.....	5,026	8,437	697	45,697	11,532	1,575	186,286	1,888
Amusement buildings.....	310	1,564	0	3,041	496	0	4,710	153
Commercial garages.....	49	0	0	415	0	47	3,357	0
Gasoline and service stations.....	374	878	137	1,360	553	95	1,238	87
Office buildings.....	353	1,362	151	24,593	2,855	260	159,368	329
Stores and other mercantile bldgs.....	3,941	4,634	409	16,288	7,628	1,173	17,613	1,319
Community buildings.....	2,469	11,654	2,411	60,666	16,534	6,344	72,729	296
Educational buildings.....	1,238	7,929	1,393	49,976	8,197	3,528	54,469	0
Institutional buildings.....	1,067	531	0	5,936	7,655	2,184	11,128	0
Religious buildings.....	164	3,193	1,018	4,754	681	632	7,131	296
Garages, private residential.....	292	844	242	1,623	216	235	1,570	145
Industrial buildings.....	1,250	3,779	477	19,287	2,174	1,086	19,333	2,174
Public utilities buildings.....	473	3,309	0	2,258	2,874	0	1,513	131
All other nonresidential buildings.....	560	486	209	16,577	2,313	219	4,637	42
Additions and alterations.....	3,958	8,924	1,688	51,204	9,383	3,149	39,054	2,142
	Philadelphia, Pa.	Phoenix, Ariz.	Rochester, N. Y.	Salt Lake City, Utah	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All building construction <sup>1</sup> .....	112,748	56,381	10,297	18,334	105,310	135,249	73,247	117,575
New dwelling units <sup>2</sup> .....	57,505	39,922	7,120	7,780	71,165	78,464	44,075	55,486
New nonresidential building.....	44,079	12,092	2,324	9,457	28,377	40,107	22,717	54,055
Commercial buildings.....	11,909	6,385	752	1,869	12,904	20,508	6,259	27,142
Amusement buildings.....	1,399	334	200	217	1,736	1,837	453	650
Commercial garages.....	177	18	0	0	710	280	156	125
Gasoline and service stations.....	710	418	118	145	177	383	501	418
Office buildings.....	2,471	1,909	0	545	1,090	11,646	1,369	16,576
Stores and other mercantile bldgs.....	7,151	3,708	434	961	9,191	6,361	3,780	9,373
Community buildings.....	24,891	3,410	1,015	280	10,840	5,079	12,074	16,521
Educational buildings.....	15,852	2,563	265	199	7,027	3,135	7,465	8,667
Institutional buildings.....	7,831	186	175	0	2,677	860	2,848	6,871
Religious buildings.....	1,207	661	575	81	1,136	1,084	1,761	984
Garages, private residential.....	479	87	134	134	733	382	186	121
Industrial buildings.....	4,431	1,428	372	3,182	1,875	2,277	2,853	525
Public utilities buildings.....	51	5	0	3,581	483	3,966	173	4,690
All other nonresidential buildings.....	2,318	777	51	411	1,543	7,896	1,173	5,056
Additions and alterations.....	10,374	3,407	853	1,096	3,759	16,175	5,475	7,157

Source: Department of Commerce, Bureau of the Census.  
separately. <sup>2</sup>Housekeeping only.

<sup>1</sup>Includes new nonhousekeeping residential building, not shown

## Part D—Contracts

Table D-1: Contract Awards: Public Construction, by Ownership and Type of Construction<sup>1</sup>

Ownership and type of construction	Value (in millions of dollars)									Percent change, first 4 months 1958-59
	1958			1959			First 4 months			
	April	Nov.	Dec.	Jan.	Feb.	Mar.	April	1958	1959	
<b>TOTAL PUBLIC CONSTRUCTION</b>	1,165.5	812.6	986.8	847.3	718.4	1,058.0	1,040.6	3,626.1	3,664.3	+1
<b>FEDERALLY OWNED<sup>2</sup></b>	273.9	111.9	238.3	136.4	111.1	345.8	224.0	705.7	817.3	+16
Residential buildings	29.2	7.8	2.2	3.2	.7	22.7	20.5	161.7	47.1	-71
Nonresidential buildings	122.8	39.3	87.7	73.4	37.1	110.3	76.9	266.8	297.7	+12
Educational	6.3	3.2	8.2	1.3	2.9	.1	8.6	16.1	12.9	-20
Hospital and institutional	12.9	3.4	22.4	12.6	3.0	( <sup>3</sup> )	5.0	28.7	20.6	-28
Administrative and service	24.7	10.8	15.9	10.3	4.1	56.0	9.7	57.8	80.1	+39
Other nonresidential buildings	78.9	21.9	41.2	49.2	27.1	54.2	53.6	164.2	184.1	+12
Airfield buildings	38.1	5.9	11.0	22.4	12.6	26.2	13.9	55.7	75.1	+35
Troop housing	8.0	1.1	1.3	5.2	1.2	4.0	17.8	12.5	28.2	+126
Warehouses	3.5	1.8	1.2	1.4	.7	2.1	3.3	9.7	7.5	-23
All other	29.3	13.1	27.7	20.2	12.6	21.9	18.6	86.3	73.3	-15
Airfields <sup>4</sup>	29.7	14.7	28.1	23.7	17.5	28.3	72.9	73.5	142.4	+94
Conservation and development	68.5	17.0	51.5	19.2	46.4	106.1	34.0	117.7	205.7	+75
Highways	9.9	2.0	2.0	3.2	.5	6.5	6.4	23.7	16.6	-30
Electric power	3.4	26.9	31.0	4.2	1.7	54.0	3.9	25.5	63.8	+150
All other federally owned	10.4	4.2	35.8	9.5	7.2	17.9	9.4	36.8	44.0	+20
<b>STATE AND LOCALLY OWNED</b>	891.6	700.7	748.5	710.9	607.3	712.2	816.6	2,920.4	2,847.0	-3
Residential buildings	47.2	26.9	20.1	34.7	16.0	19.9	46.9	130.6	117.5	-10
Nonresidential buildings	326.5	246.0	271.9	226.1	208.6	279.9	288.5	1,156.2	1,003.1	-13
Educational	208.8	162.0	178.2	144.1	149.1	199.4	208.4	779.8	701.0	-10
Hospital and institutional	32.5	14.4	20.2	15.1	29.7	38.3	27.9	102.7	111.0	+8
Administrative and service	40.5	40.8	45.2	18.7	10.3	27.5	26.9	151.2	83.4	-45
Other nonresidential buildings	44.7	28.8	28.3	48.2	19.5	14.7	25.3	122.5	107.7	-12
Highways	365.5	336.3	343.6	320.5	249.3	273.5	335.1	1,077.3	1,178.4	+9
Sewer and water systems	95.9	67.0	82.1	94.4	106.4	80.7	94.0	308.4	375.5	+22
Sewer	66.0	51.8	56.2	51.4	52.5	56.1	67.8	208.6	227.8	+9
Water	29.9	15.2	25.9	43.0	53.9	24.6	26.2	99.8	147.7	+48
Public service enterprises	24.5	10.9	13.6	15.3	14.3	36.0	31.7	173.1	98.3	-44
Electric power	12.1	6.1	8.8	9.5	7.4	9.4	17.3	128.1	43.6	-66
Other	12.4	4.8	4.8	5.8	6.9	26.6	14.4	45.0	53.7	+19
Conservation and development	15.7	5.8	10.9	8.0	6.0	6.1	11.7	37.4	31.8	-15
All other State and locally owned	16.3	7.8	6.3	11.9	6.7	16.1	8.7	37.4	43.4	+16

Source: Department of Commerce, Bureau of the Census. <sup>1</sup>Includes major force-account projects started, principally by TVA and State highway departments. <sup>2</sup>Includes construction contracts awarded under Lease-Purchase programs which terminated with P.L. 85-844, approved August 28, 1958. <sup>3</sup>Less than \$50,000. <sup>4</sup>Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned.

Table D-2: Contract Awards: Highway Construction, by Ownership, Source of Funds, and Type of Facility<sup>1</sup>

Ownership, source of funds, and type of facility	Value (in millions of dollars)									Percent change, first 4 months 1958-59
	1958			1959				First 4 months		
	April	Nov.	Dec.	Jan.	Feb.	Mar.	April	1958	1959	
ALL HIGHWAY CONSTRUCTION .....	375.4	338.3	345.6	323.7	249.8	280.0	341.5	1,101.0	1,195.0	+ 9
FEDERALLY OWNED .....	9.9	2.0	2.0	3.2	.5	6.5	6.4	23.7	16.6	- 30
STATE OWNED .....	323.5	317.6	322.1	294.0	227.9	243.3	290.5	960.1	1,055.7	+ 10
Federally aided projects:										
Total value .....	271.8	297.3	267.0	266.9	210.3	206.8	227.2	828.0	911.2	+ 10
Federal funds .....	200.0	214.4	191.6	197.4	156.5	146.6	162.3	589.7	662.8	+ 12
Independent State projects:										
Total value .....	51.7	20.3	55.1	27.1	17.6	36.5	63.3	132.1	144.5	+ 9
Toll facilities .....	.1	.9	8.6	3.5	1.0	7.8	0	.4	12.3	( <sup>2</sup> )
LOCALLY OWNED <sup>3</sup> .....	42.0	18.7	21.5	26.5	21.4	30.2	44.6	117.2	122.7	+ 5

Source: Department of Commerce, Bureau of the Census. <sup>1</sup>Includes force-account work started on Federal and State projects.

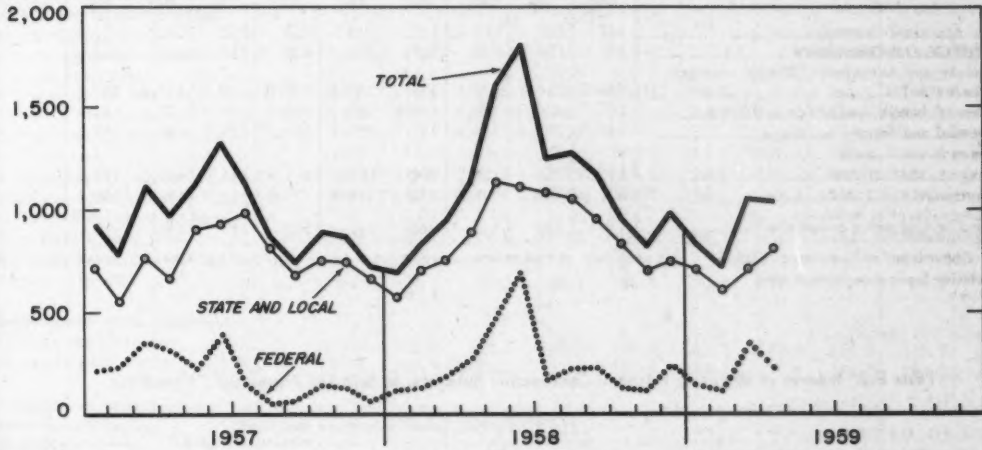
<sup>2</sup>Percent increase exceeds 300. <sup>3</sup>By municipalities and counties.



Chart 8.

## Contracts Awarded for Public Construction By Ownership

Millions of Dollars



SOURCE: DEPARTMENTS OF COMMERCE.

CONSTRUCTION REVIEW C. D. 59-10-6

Table D-3: Value of Construction Contracts Reported by the F. W. Dodge Corporation

(U. S. Summary, excluding Alaska)

Type of construction	Value (in millions of dollars)			Percent change, 12 months ending in May 1958-59
	May 1959	12 months ending—		
		May 1959	May 1958	
TOTAL .....	3,542	37,336	31,442	+ 19
Building construction .....	2,749	27,756	23,903	+ 16
Residential .....	1,677	16,676	12,856	+ 30
Nonresidential .....	1,072	11,079	11,048	( <sup>1</sup> )
Engineering.....	793	9,581	7,539	+ 27
Public works .....	632	6,864	5,593	+ 23
Utilities.....	161	2,717	1,945	+ 40

Source: Table compiled by Department of Commerce (BDSA) from data reported by the F. W. Dodge Corporation.

<sup>1</sup>Change of less than one-half of 1 percent.

Table D-4: Value of Construction Contract Awards Reported by the Engineering News-Record

(U. S. Summary excluding Alaska)

Ownership and type of construction	Value (in millions of dollars)			Percent change 12 months ending in June 1958-59
	June 1959 <sup>1</sup>	12 months ending--		
		June 1959	June 1958	
<b>TOTAL</b> .....	1,877	19,398	18,169	+ 7
Privately owned .....	909	8,360	8,146	+ 3
Publicly owned .....	967	11,038	10,023	+ 10
Private industrial buildings .....	208	2,034	2,335	- 13
Buildings, except private industrial .....	955	9,365	8,705	+ 8
Highways and bridges .....	386	4,402	3,704	+ 19
Sewer systems .....	66	633	604	+ 5
Water systems .....	30	354	325	+ 9
Unclassified and all other .....	231	2,615	2,500	+ 5

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways--\$44,000; other public works--\$73,000; industrial buildings--\$93,000; other buildings--\$344,000.

<sup>1</sup>Four weeks.

## Part E-Costs

Table E-1: Construction Cost Indexes

Compiler and coverage	Indexes (1947-49=100)									Percent change, May 1958-59
	1958	1959					1956	1957	1958	
	Dec.	Jan.	Feb.	Mar.	Apr.	May	May	May	May	
American Appraisal Company .....	147	147	147	148	148	150	134	140	144	+4
Associated General Contractors .....	156	156	156	157	157	158	141	148	154	+3
E. H. Boeckh and Associates (20 city average):										
Residences.....	134.6	135.1	135.6	135.7	136.4	137.0	129.8	131.6	131.9	+4
Apartments, hotels, and office buildings.....	145.7	146.3	146.5	146.6	147.3	148.1	136.9	140.6	142.3	+4
Commercial and factory buildings.....	148.7	149.4	149.6	149.7	150.6	151.3	138.4	142.9	145.5	+4
Engineering News-Record:										
Building .....	159.0	159.4	159.7	160.6	161.4	161.8	144.9	149.5	154.1	+5
Construction .....	171.8	172.8	172.9	173.5	174.2	175.5	152.9	158.9	166.9	+5
Department of Commerce composite <sup>1</sup> .....	139	139	140	140	141	142	131	136	138	+3

Source: Department of Commerce (BDSA). <sup>1</sup> A composite of cost indexes representative of the major types of construction, weighted by the current relative importance of each type.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities

Commodity	(1947-49=100, unless otherwise specified)									Percent change, June 1958-59
	1959						1956	1957	1958	
	Jan.	Feb.	Mar.	April	May	June	June	June	June	
<b>ALL CONSTRUCTION MATERIALS</b> <sup>1</sup> .....	132.4	133.3	133.8	134.7	135.8	135.8	130.6	130.7	129.5	+ 5
<b>Lumber and wood products:</b>										
Softwoods:										
Douglas fir .....	120.2	125.2	130.5	132.1	136.4	138.3	133.8	118.0	112.0	+ 24
Southern pine .....	114.1	113.8	114.3	115.4	116.0	117.1	119.2	114.1	112.0	+ 5
Other softwoods .....	131.9	132.7	134.3	135.6	137.9	138.7	140.2	134.6	129.1	+ 7
Hardwoods used in construction .....	116.8	118.5	120.0	122.0	123.0	123.7	128.9	115.3	114.0	+ 9
Millwork .....	130.2	130.2	130.2	135.4	137.5	137.3	129.5	128.5	127.1	+ 8
Plywood .....	99.7	103.6	104.0	106.6	106.6	105.2	101.0	97.7	94.9	+ 11
Softwood .....	96.1	103.4	104.3	107.7	107.5	104.8	99.7	94.2	87.6	+ 20
Hardwood .....	105.1	105.1	105.1	106.7	107.0	107.0	104.4	103.4	104.5	+ 2
Building paper and board .....	143.9	144.2	144.2	145.0	146.7	146.7	138.1	141.7	144.1	+ 2
Insulation board .....	145.2	145.2	145.2	146.4	148.9	148.9	( <sup>2</sup> )	( <sup>2</sup> )	145.3	+ 2
Hardboard (Jan. 1958=100) .....	99.8	100.4	100.4	100.4	100.4	100.4	( <sup>2</sup> )	( <sup>2</sup> )	100.0	( <sup>3</sup> )
Prepared paint .....	128.2	128.4	128.4	128.3	128.3	128.3	119.1	125.5	128.2	( <sup>3</sup> )
<b>Metals and metal products:</b>										
Finished mill and foundry products:										
Structural steel shapes .....	199.6	199.6	199.6	199.6	199.6	199.6	157.5	183.4	192.3	+ 4
Reinforcing bars .....	195.0	195.0	195.0	195.0	195.0	195.0	164.3	178.9	187.3	+ 4
Galvanized sheets, carbon .....	161.9	161.9	160.4	160.4	160.4	160.4	144.7	148.8	154.0	+ 4
Black steel pipe, carbon .....	190.9	190.9	190.9	190.9	190.9	190.9	163.2	181.4	190.3	( <sup>3</sup> )
Wire nails, 8d common .....	182.2	182.2	182.2	182.2	182.2	182.2	159.4	173.6	182.2	0
Copper water tubing .....	146.3	148.6	152.1	152.1	152.1	152.1	184.8	154.6	141.9	+ 7
Building wire .....	116.8	116.8	113.5	112.3	128.5	128.5	164.8	139.7	95.2	+35
Nonmetallic sheathed cable .....	87.1	87.1	84.4	83.1	86.9	86.9	117.9	85.0	70.2	+24
Builders' hardware:										
Cabinet hinge .....	137.2	137.2	137.2	137.2	136.4	136.4	139.1	137.2	137.2	- 1
Door lock sets .....	155.2	155.2	155.2	155.2	155.1	155.1	136.5	149.4	155.2	( <sup>3</sup> )
Butts .....	168.4	168.4	168.4	168.4	168.4	168.4	168.4	168.4	168.4	0
Fabricated metal products used in construction:										
Plumbing fixtures and brass fittings <sup>1</sup> .....	124.9	126.0	129.2	129.8	130.9	130.9	134.1	129.1	122.8	+ 7
Enameled iron fixtures .....	115.7	117.0	120.8	120.8	120.8	120.8	125.3	126.3	114.3	+ 6
Vitreous china fixtures .....	116.0	117.4	122.5	123.1	123.1	123.1	124.2	124.2	113.2	+ 9
Brass fittings .....	135.9	137.1	139.7	141.1	144.0	144.0	143.0	135.7	134.1	+ 7

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities--Continued

Commodity	(1947-49=100, unless otherwise specified)									Percent change, June 1958-59
	1959						1956	1957	1958	
	Jan.	Feb.	Mar.	Apr.	May	June	June	June	June	
<b>Metals and metal products--Con.</b>										
<b>Fabricated metal products</b>										
used in construction--Con.										
Heating equipment .....	121.8	122.0	121.9	121.7	121.7	121.7	117.4	121.9	121.0	+ 1
Steam and hot water equipment .....	155.1	155.1	154.8	154.7	154.7	154.7	138.4	145.2	149.5	+ 4
Warm air furnaces .....	123.7	123.7	123.7	123.2	123.6	123.6	124.0	128.5	122.3	+ 1
Fuel burning equipment, automatic .....	115.5	115.6	115.7	115.9	115.9	115.9	107.4	111.8	116.0	(3)
Water heaters, domestic .....	100.4	100.4	100.1	99.9	99.5	99.5	106.5	107.3	102.3	- 3
Metal doors, sash, and trim .....	140.1	140.1	136.7	136.7	136.7	136.7	140.9	138.1	142.8	- 4
<b>Tanks and sheet metal products:</b>										
Steel roofing (Jan. 1958=100) .....	105.7	105.7	104.7	104.7	104.7	104.7	(2)	(2)	100.6	+ 4
Corrugated aluminum roofing (Jan. 1958=100) .....	96.3	96.3	96.3	96.3	96.3	96.3	(2)	(2)	94.6	+ 2
<b>Machinery and motive products:</b>										
Escalators and elevators .....	139.0	139.0	139.0	139.0	139.0	139.7	128.9	138.9	138.7	+ 1
Fans and blowers, except portable .....	183.5	183.5	182.2	182.2	182.2	182.2	171.3	176.0	180.2	+ 1
<b>Nonmetallic minerals products</b>										
used in construction:										
<b>Flat glass:</b>										
Plate glass .....	144.3	144.3	144.3	144.3	144.3	144.3	137.5	145.7	145.7	- 1
Window glass .....	145.3	145.3	145.3	145.3	145.3	145.3	141.2	145.9	145.8	(3)
<b>Concrete ingredients:</b>										
Sand, gravel, and crushed stone .....	140.2	140.2	140.2	140.2	140.2	140.2	130.4	135.8	138.9	+ 1
Portland cement .....	129.7	129.7	129.8	129.7	129.7	129.7	122.4	125.8	128.7	+ 1
Concrete products .....	152.2	152.2	152.2	152.2	152.2	152.2	139.4	147.2	150.7	+ 1
Building block .....	128.6	129.0	129.3	129.4	129.7	129.7	121.9	126.7	128.3	+ 1
Concrete pipe .....	116.7	116.7	116.7	116.9	116.7	116.9	115.2	118.6	117.5	- 1
Ready-mixed concrete (Jan. 1958=100) .....	155.3	159.3	159.6	155.6	159.6	159.6	141.8	149.6	153.3	+ 4
<b>Structural clay products</b>										
used in construction .....	101.0	100.9	101.2	101.3	101.7	101.7	(2)	(2)	100.7	+ 1
Building brick .....	137.7	138.2	138.6	138.7	139.0	139.1	133.6	135.2	135.7	+ 3
Clay tile .....	137.9	137.9	138.2	138.5	139.1	139.1	133.8	134.9	135.4	+ 3
Clay sewer pipe .....	130.1	130.1	130.7	130.7	130.7	130.7	127.3	127.4	128.5	+ 2
Gypsum products .....	159.4	162.7	162.7	162.7	162.7	163.7	149.2	156.8	157.8	+ 4
Lath .....	133.1	133.1	133.1	133.1	133.1	133.1	127.1	127.1	133.1	0
Wallboard .....	128.6	128.6	128.6	128.6	128.6	128.6	123.5	123.8	128.6	0
Plaster .....	130.4	130.4	130.4	130.4	130.4	130.4	124.9	124.9	130.4	0
Prepared asphalt roofing .....	144.6	144.6	144.6	144.6	144.6	144.6	136.2	136.2	144.6	0
<b>Other nonmetallic minerals</b>	118.5	119.8	119.4	126.4	126.4	115.6	111.9	125.8	103.3	+ 12
used in construction <sup>1</sup> .....										
Insulation materials .....	134.6	135.2	137.2	137.2	136.9	136.9	125.3	130.9	134.1	+ 2
Asbestos cement shingles .....	103.5	103.5	103.6	103.6	102.9	102.9	99.6	103.1	104.0	- 1
<b>Miscellaneous products:</b>										
Kitchen cabinets, metal, base only .....	160.8	162.2	167.0	167.0	167.0	167.0	148.5	155.4	160.8	+ 4
Linoleum, inlaid .....	151.6	151.6	151.6	151.6	151.6	151.6	136.5	142.0	151.2	(3)
Asphalt floor tile .....	129.4	129.4	130.5	130.5	130.5	130.5	124.6	124.8	128.6	+ 2
Rubber floor tile .....	98.4	98.4	98.4	98.4	98.4	98.4	106.3	106.3	95.3	+ 3
	114.9	114.9	114.9	114.9	114.9	114.9	110.6	113.0	114.9	0

Source: Department of Labor, Bureau of Labor Statistics.  
of less than one-half of 1 percent.<sup>1</sup> Includes items not shown separately.<sup>2</sup> Not available.<sup>3</sup> Change

Table E-3: Wholesale Prices of Selected Construction Materials

Commodity	Unit	1959		1958
		May	April	May
<b>LUMBER</b>				
Douglas fir:				
Dimension, construction, 25% standard, 2"x4", RL., green, S4S, mixed c/l, f.o.b. mill .....	M bd. ft.	\$78.828	\$75.028	\$61.985
Boards, construction, 25% standard, RL., green, S4S, 1"x8", loose, mixed c/l of boards and dimension, f.o.b. mill .....	M bd. ft.	70.335	66.993	50.137
Timbers, construction, 8"x8" to 12"x12", RL., green, rough or S4S, c/l or mixed cars, f.o.b. mill .....	M bd. ft.	81.193	79.180	67.060
Southern pine:				
Dimension, No. 2 common and better, 2"x4"x 16', S4S, dried, SL., f.o.b. mill .....	M bd. ft.	87.997	87.997	84.685
Boards, No. 2 common and better, 1"x6", RL., S4S, dried, SL., c/l or mixed cars, f.o.b. mill .....	M bd. ft.	80.296	79.806	75.045
* Ponderosa pine boards, No. 3, 1"x12", RL., 6' and over, S4S, dry c/l or mixed cars, f.o.b. mill .....	M bd. ft.	82.460	80.290	.....
Oak, red, flooring, select, plain, 25/32" thick, 2-1/4" face, bundled, carlots, f.o.b. mill ..	M bd. ft.	182.307	177.714	165.123
Maple flooring, 2d grade, 25/32"x2-1/4" face, standard length, bundled, carlots, f.o.b. mill ..	M bd. ft.	211.072	216.495	214.201
<b>MILLWORK</b>				
Door, flush type, interior, hardwood face, veneer, premium grade, as per CS-200-55, 2'6"x6'8"x1-3/8", f.o.b. factory, carlot freight allowed .....	Each	7.975	7.899	7.975
Window unit, wood, double hung, Ponderosa pine, 2'4"x4'6", with frame sash, glazing, weather stripping and sash balance as per CS-190-53, mixed c/l, f.o.b. factory .....	Each	14.201	14.049	12.865
<b>PLYWOOD</b>				
Douglas fir, interior, grade A-D, 1/4"x48"x96", 3 ply, f.o.b. mill .....	M sq. ft.	80.155	80.155	60.843
* Douglas fir, interior, grade C-D, 5/16"x48"x96", 5 ply, f.o.b. mill .....	M sq. ft.	105.845	106.362	.....
Plywood, birch, standard panel, grade 1-3 or 1-4, type II glue, 3 ply 1/4" thick, 48"x96", carlots, f.o.b. factory .....	M sq. ft.	216.040	214.390	213.737
<b>PREPARED PAINT</b>				
Latex, water-thinned, inside, first grade, delivered .....	Gallon	3.295	3.295	2.743
Varnish, floor, first grade, delivered .....	Gallon	4.138	4.138	4.130
Enamel, white, gloss, first grade, delivered .....	Gallon	5.127	5.127	5.136
Inside, flat, white, first grade, delivered .....	Gallon	3.401	3.401	3.383
Outside, white, first grade, delivered .....	Gallon	4.797	4.797	4.830
<b>METAL PRODUCTS</b>				
Structural shapes, carbon steel, 6"x4"x1/2" angles, 30' long, ASTM spec. A-7, base quantity, f.o.b. mill .....				
Bars, reinforcing, carbon steel, No. 6 x 30' x 30' long with 10% shorts, ASTM spec. A-15, 57T, base quantity, f.o.b. mill .....	100 lb.	6.167	6.167	5.942
Sheets, galvanized, carbon steel, 24 gage x 30" wide x 96" long, commercial coating, base chemistry, base packaging, base quantity, f.o.b. mill .....	100 lb.	6.385	6.385	6.135
Pipe, standard, black, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill .....	100 lb.	8.615	8.615	8.270
Pipe, standard, galvanized, carbon steel, butt weld, threaded and coupled, 1-1/4" nominal, random lengths, c/l, wt. 228 lbs. per 100', f.o.b. mill .....	100 ft.	19.905	19.905	19.814
Nails, wire, carbon steel, 8d common, c/l, f.o.b. mill .....	100 lb.	23.253	23.253	23.264
Soil pipe, cast iron, 4", single hub, extra heavy, f.o.b. foundry .....	100 lb.	9.825	9.825	9.828
Copper water tubing, type L, 3/4" size, .045" wall thickness, shipped in 60' coils, 10,000' lots or more, f.o.b. mill, freight allowed .....	5' length	3.745	3.745	3.617
Building wire, type RH-RW, size 12, solid, single braid, f.o.b. destination, or freight prepaid or allowed on specified amounts .....	Foot	.281	.281	.263
Insect screening, aluminum, 18x14 mesh, 30" wide, carload lots, f.o.b. factory .....	M ft.	18.018	15.756	12.480
	100 sq. ft.	5.890	5.890	5.840

See footnotes at end of table.



Table E-3: Wholesale Prices of Selected Construction Materials--Continued

Commodity	Unit	1959		1958
		May	April	May
PLUMBING EQUIPMENT				
Bathtub, 5', enameled iron, recessed, f.o.b. factory, freight allowed.....	Each	\$53.778	\$53.778	\$50.166
Lavatory, 20"x18" and 19"x17", enameled iron, f.o.b. plant, freight allowed ....	Each	13.066	13.066	12.159
Water closet, vitreous china, closed coupled, reverse trap, f.o.b. plant, freight allowed .....	Each	23.363	23.363	22.434
Sink, 32"x21", enameled steel, acid resisting, 2-compartment, f.o.b. plant, freight allowed .....	Each	12.711	12.711	13.194
HEATING EQUIPMENT				
Convectors, nonferrous, free standing, average steam rating 40.8 to 43.0, f.o.b. factory, freight allowed .....	Sq. ft.	.466	.466	.454
Furnace, warm air: Steel, forced air, oil fired, with burner, bonnet output 90,000-115,000 BTU, f.o.b. factory, freight allowance .....	Each	245.632	245.632	240.255
Steel, forced air, gas fired, input rating 85,000-110,000 BTU, f.o.b. factory, freight allowance .....	Each	160.454	<sup>1</sup> 160.454	156.670
Furnace, floor, gas fired, manual controls, input rating 40,000-50,000 BTU, f.o.b. factory.....	Each	62.138	59.283	58.283
Oil burner, mechanical forced draft, 1½-3 gal. per hr., f.o.b. factory .....	Each	113.575	113.575	115.075
Water heater, gas fired, automatic, 1-year guarantee, 30-gal. steel storage tank, f.o.b. factory, freight allowed .....	Each	( <sup>2</sup> )	( <sup>2</sup> )	39.640
NONMETALLIC MINERAL PRODUCTS				
Sand, construction, f.o.b. plant .....	Ton	1.323	<sup>1</sup> 1.327	1.314
Gravel, for concrete, 1-1/2" maximum, f.o.b. plant.....	Ton	1.612	<sup>1</sup> 1.608	1.597
Crushed stone, for concrete, 1-1/2" maximum, f.o.b. plant .....	Ton	1.672	<sup>1</sup> 1.684	1.679
Building blocks, concrete, lightweight aggregate, 8"x8"x16", f.o.b. plant .....	Each	.191	.191	.190
Building brick, clay, f.o.b. plant.....	Thousand	31.700	31.553	30.951
Partition tile, clay, scored, 4"x12"x12", 3-cell, 16 lbs., f.o.b. plant.....	Thousand	138.087	138.087	137.031
Lath, gypsum, 3/8"x16"x48", f.o.b. plant, freight equalized .....	M sq. ft.	26.011	26.011	26.012
Wallboard, gypsum, 3/8"x48", varying lengths, f.o.b. plant, freight equalized .....	M sq. ft.	34.300	34.300	34.300
Shingles, asphalt, strip, thick square butt, 210 lbs., f.o.b. factory, freight allowance .....	Square	6.334	6.334	5.252
Siding shingles, asbestos cement, f.o.b. plant, freight equalized .....	Square	12.277	12.380	11.917

Source: Department of Labor, Bureau of Labor Statistics. \*Prices from January 1959 are not comparable with those of earlier periods because specifications have been changed. <sup>1</sup>Estimated. <sup>2</sup>Not available.

(NOTE: Tables E-4 and E-5, Union Wage Scales in the Building Trades, are shown quarterly in the March, June, September, December issues.)



## Part F--Materials Output

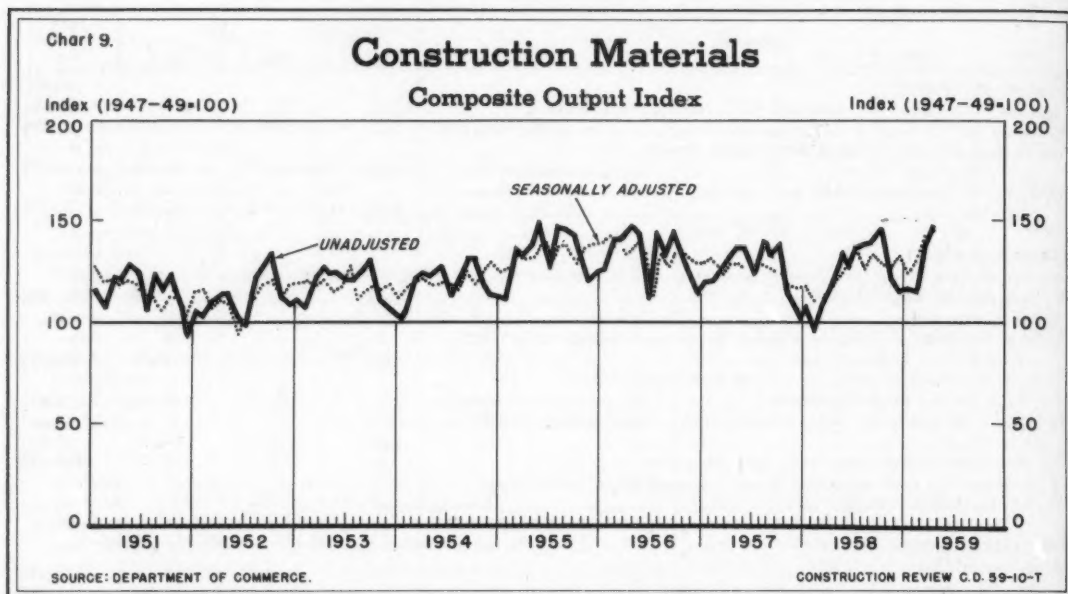


Table F-1: Construction Materials: Indexes of Output (Unadjusted and Seasonally Adjusted)

(Monthly average 1947-49=100)

Materials group	Monthly Indexes												
	Unadjusted							Seasonally adjusted					
	Annual average		1958		1959			1958		1959			
	1957	1958	Mar.	Apr.	Mar.	Apr.	May	Mar.	Apr.	Mar.	Apr.	May	
Composite.....	<sup>1</sup> 125.7	<sup>1</sup> 124.2	<sup>1</sup> 110.6	120.3	<sup>1</sup> 137.6	147.5	( <sup>2</sup> )	<sup>1</sup> 113.8	118.1	<sup>1</sup> 142.7	144.9	( <sup>2</sup> )	
Lumber and wood products.....	<sup>1</sup> 115.7	<sup>1</sup> 119.9	<sup>1</sup> 110.1	116.4	<sup>1</sup> 131.4	<sup>1</sup> 139.5	138.5	<sup>1</sup> 114.2	112.5	<sup>1</sup> 137.6	<sup>1</sup> 134.8	126.1	
Millwork .....	118.8	108.4	89.2	92.8	118.5	132.6	140.9	94.9	92.4	128.0	132.2	144.7	
Paint, varnish, and lacquer .....	117.4	124.9	111.2	127.3	<sup>1</sup> 136.3	157.5	( <sup>2</sup> )	114.1	122.5	<sup>1</sup> 141.4	152.3	( <sup>2</sup> )	
Portland cement .....	148.5	155.1	106.2	143.6	145.5	174.0	200.0	119.9	145.5	164.6	176.3	176.4	
Asphalt products .....	96.5	102.6	82.4	109.9	145.4	90.6	103.3	89.3	108.4	158.9	89.7	107.0	
Heating and plumbing equipment .....	120.0	118.4	103.6	102.0	<sup>1</sup> 132.3	131.8	( <sup>2</sup> )	110.1	105.2	<sup>1</sup> 141.3	135.2	( <sup>2</sup> )	
Iron and steel products .....	143.0	123.7	116.3	121.9	140.0	160.8	( <sup>2</sup> )	114.5	119.3	138.3	158.1	( <sup>2</sup> )	
Clay construction products .....	133.2	132.3	110.6	129.5	<sup>1</sup> 135.2	151.1	( <sup>2</sup> )	119.2	131.6	<sup>1</sup> 147.1	153.6	( <sup>2</sup> )	
Quarterly Indexes (Unadjusted)													
Annual average				1958					1959				
1957		1958		1st qtr.		2d qtr.		3d qtr.		4th qtr.		1st qtr.	
Gypsum products.....		154.4		170.1		151.9		156.3		190.1		183.4	
Plumbing fixtures .....		114.1		117.3		115.3		113.6		111.2		129.1	

Source: Table compiled by the Department of Commerce (BDCA) from data reported by various Government agencies and by private firms as shown in notes to the tables following in Part F. <sup>1</sup> Revised. <sup>2</sup> Not available.

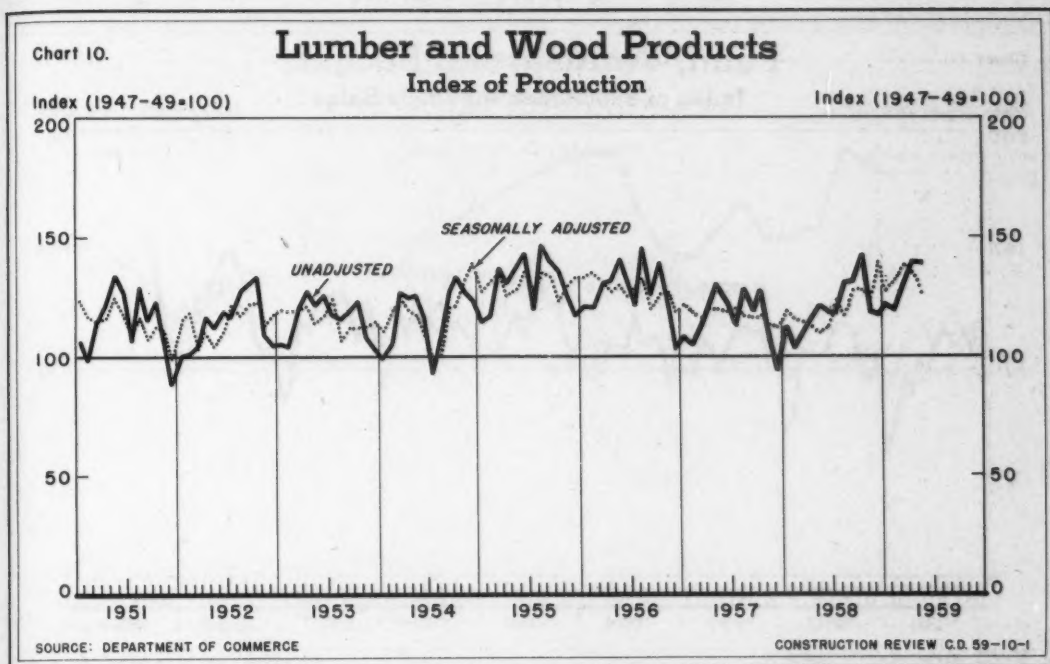


Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber <sup>1</sup> (Million board feet)			Hardwood flooring <sup>1</sup> (Thousand board feet)			Douglas fir plywood <sup>2</sup> (Million square feet)	Insulating boards <sup>3</sup> (Tons)	Hardboard <sup>3</sup> (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1947-49 average.....	28,252	27,656	4,485	812,365	789,437	44,455	1,802	766,269	294,214
Year: 1956.....	<sup>4</sup> 30,661	<sup>4</sup> 29,964	<sup>4</sup> 46,087	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957.....	<sup>4</sup> 26,758	<sup>4</sup> 26,952	<sup>4</sup> 5,894	953,706	947,023	107,028	5,379	994,000	569,000
1958.....	<sup>4</sup> 27,001	<sup>4</sup> 27,285	<sup>4</sup> 5,613	927,294	922,789	99,111	6,136	1,032,386	597,810
12 months ending:									
February.....	<sup>4</sup> 27,263	<sup>4</sup> 27,781	.....	942,968	953,109	.....	6,362	1,040,503	624,852
March.....	<sup>4</sup> 27,577	<sup>4</sup> 28,255	.....	954,329	969,590	.....	6,507	1,052,173	641,255
April.....	<sup>4</sup> 27,929	<sup>4</sup> 28,621	.....	969,307	981,548	.....	( <sup>5</sup> )	<sup>4</sup> 1,073,892	<sup>4</sup> 668,910
May.....	28,147	28,834	.....	980,689	987,192	.....	( <sup>5</sup> )	1,083,076	694,941
1958: May.....	<sup>4</sup> 2,306	<sup>4</sup> 2,415	<sup>4</sup> 5,870	77,112	83,978	95,282	<sup>6</sup> 491	91,326	47,284
June.....	<sup>4</sup> 2,300	<sup>4</sup> 2,393	<sup>4</sup> 5,775	78,331	82,311	91,227	6460	79,696	43,773
July.....	<sup>4</sup> 2,262	<sup>4</sup> 2,396	<sup>4</sup> 5,640	81,377	81,788	89,737	<sup>6</sup> 448	87,889	49,208
August.....	<sup>4</sup> 2,461	<sup>4</sup> 2,533	<sup>4</sup> 5,568	82,080	87,040	84,438	<sup>6</sup> 559	96,489	50,278
September.....	<sup>4</sup> 2,524	<sup>4</sup> 2,621	<sup>4</sup> 5,471	86,353	86,322	83,297	<sup>6</sup> 521	93,429	52,329
October.....	<sup>4</sup> 2,679	<sup>4</sup> 2,667	<sup>4</sup> 5,484	93,026	89,794	86,627	<sup>6</sup> 619	98,063	55,702
November.....	<sup>4</sup> 2,132	<sup>4</sup> 2,049	<sup>4</sup> 5,567	74,434	69,920	89,270	<sup>6</sup> 555	82,483	53,713
December.....	<sup>4</sup> 2,188	<sup>4</sup> 2,142	<sup>4</sup> 5,613	74,041	63,694	99,111	<sup>6</sup> 508	76,355	53,859
1959: January.....	<sup>4</sup> 2,104	<sup>4</sup> 2,116	<sup>4</sup> 5,601	78,269	77,603	95,918	<sup>6</sup> 623	84,087	61,270
February.....	<sup>4</sup> 2,088	<sup>4</sup> 2,097	<sup>4</sup> 5,591	73,919	79,666	96,093	<sup>6</sup> 592	81,021	63,813
March.....	<sup>4</sup> 2,367	<sup>4</sup> 2,520	<sup>4</sup> 5,439	80,802	86,139	81,704	<sup>6</sup> 614	95,713	66,479
April.....	2,518	2,672	5,336	89,563	93,293	76,489	( <sup>5</sup> )	<sup>4</sup> 107,341	<sup>4</sup> 71,202
May.....	2,524	2,628	5,223	88,494	89,622	75,266	( <sup>5</sup> )	100,510	73,315
Percent change									
May, 1958-59.....	+ 9	+ 9	-11	+ 15	+ 7	- 21	.....	+ 10	+ 55
First 5 mos., 1958-59.....	+11	+ 15	.....	+ 15	+18	.....	.....	+ 12	+41

Source: Table compiled by Department of Commerce (BDSA). \*As of end of period. Sources: <sup>1</sup>National Lumber Manufacturers Association. <sup>2</sup>Douglas Fir Plywood Association. <sup>3</sup>Bureau of the Census. <sup>4</sup>Revised. <sup>5</sup>Not available. <sup>6</sup>Monthly figures estimated from quarterly totals.

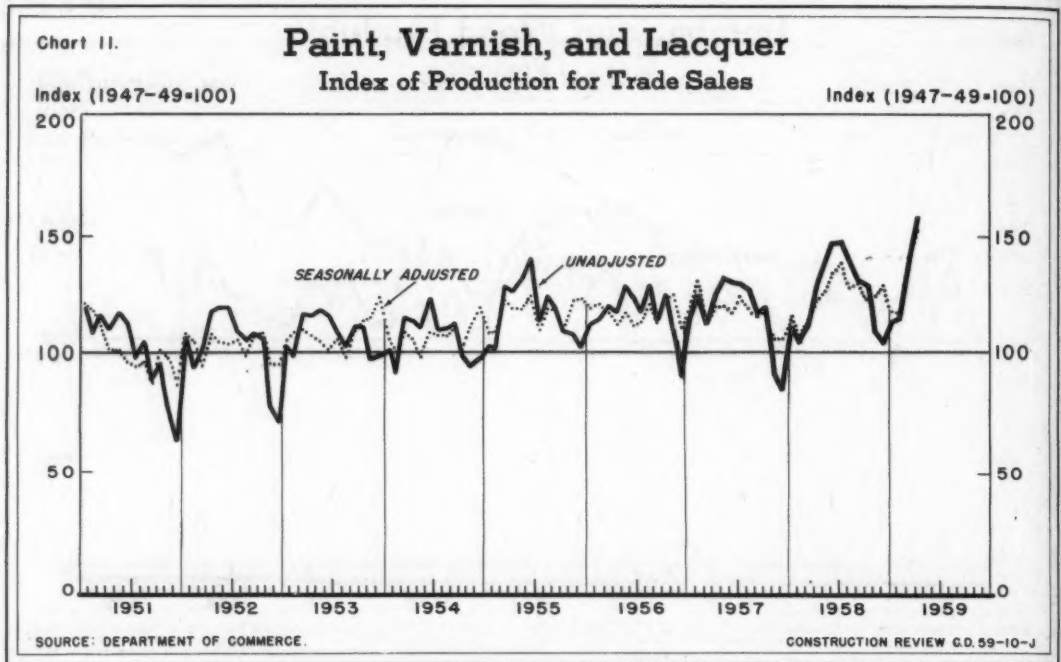


Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Production (Thousands of units)				Production for trade sales (Thousands of gallons)
	Ponderosa pine doors <sup>1</sup>	Hardwood doors <sup>1</sup>	Sash <sup>1</sup>	Exterior frames <sup>1</sup>	Paint, varnish, & lacquer <sup>2</sup>
1947-49 average.....	<sup>3</sup> 3,768	<sup>3</sup> 3,298	<sup>3</sup> 11,043	<sup>3</sup> 4,186	266,701
Year: 1956.....	<sup>3</sup> 2,035	<sup>3</sup> 6,404	<sup>3</sup> 10,551	<sup>3</sup> 5,679	312,543
1957.....	2,028	5,611	9,887	5,273	313,128
1958.....	1,919	4,439	9,666	5,678	337,926
12 months ending:					
February 1959.....	2,040	4,582	10,100	5,912	<sup>4</sup> 343,648
March 1959.....	2,083	4,690	10,329	6,006	<sup>4</sup> 350,800
April 1959.....	2,159	4,752	10,660	6,285	358,100
May 1959.....	2,223	4,825	11,052	6,593	( <sup>5</sup> )
1958:					
May.....	162	340	679	469	31,000
June.....	122	366	806	570	34,100
July.....	125	347	753	486	34,400
August.....	148	452	974	600	32,700
September.....	176	493	982	566	30,600
October.....	211	463	1,133	577	30,200
November.....	190	388	1,011	504	25,600
December.....	187	298	892	401	23,600
1959:					
January.....	167	433	789	465	<sup>4</sup> 25,200
February.....	228	368	799	458	<sup>4</sup> 25,400
March.....	202	402	856	516	<sup>4</sup> 30,300
April.....	241	400	987	672	35,000
May.....	226	413	1,071	777	( <sup>5</sup> )
Percent change					
April, 1958-59.....	+46	+18	+51	+71	+24
First 4 mos., 1958-59.....	+40	+24	+41	+40	+21

Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup> National Wood Work Manufacturers Association (whose data are only from member firms, and are not adjusted to represent full coverage); <sup>2</sup> Department of Commerce, Bureau of the Census. <sup>3</sup> Production. See Note to table F-3 in the April 1959 issue of Construction Review. <sup>4</sup> Revised. <sup>5</sup> Not available.

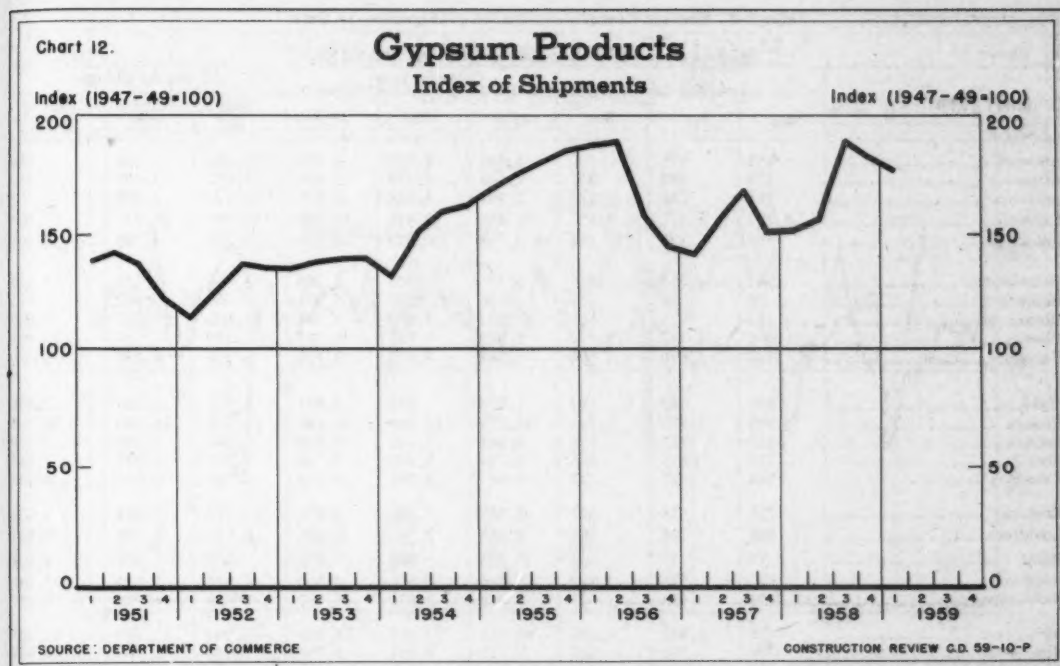


Table F-4: Portland Cement, and Asphalt and Gypsum Products: Production, Shipments, and Stocks

Period	Pro- duction	Ship- ments	Stocks*	Shipments (Thousands of squares)				Shipments ** (Million square feet)	
	(Thousands of barrels)			Asphalt prepared roofing <sup>2</sup>	Asphalt siding <sup>2</sup>	Asphalt insulated brick siding <sup>2</sup>	Asphalt and tar saturated felts <sup>2</sup>	Gypsum board <sup>1</sup>	Gypsum lath <sup>1</sup>
	Portland cement <sup>1</sup>								
1947-49 average.....	200,607	199,306	11,922	61,252	3,365	2,811	17,087	2,478	2,075
Year: 1956.....	316,465	311,571	22,412	57,590	1,208	2,055	29,774	4,824	2,675
1957.....	297,801	291,741	28,550	53,326	1,036	1,764	30,761	4,505	2,224
1958.....	311,061	309,650	30,459	58,228	1,040	1,616	31,840	5,185	2,153
12 months ending:									
February 1959.....	314,001	314,362	.....	58,805	1,045	1,621	32,095	.....	.....
March 1959.....	320,569	320,042	.....	62,198	1,099	1,620	33,528	5,434	2,154
April 1959.....	325,661	324,898	.....	61,009	1,069	1,632	33,258	.....	.....
May 1959.....	329,815	327,046	.....	59,391	1,039	1,634	32,604	.....	.....
1958: May.....	29,274	30,770	33,674	6,367	92	157	3,448	.....	.....
June.....	30,078	30,513	33,238	6,209	92	167	3,128	1,189	494
July.....	29,833	32,536	30,647	5,697	90	178	2,528	1,432	620
August.....	31,675	34,433	27,889	7,507	110	169	3,660		
September.....	31,597	35,031	24,449	6,096	114	197	2,892		
October.....	32,847	36,880	20,412	5,880	132	188	2,705	1,420	543
November.....	28,031	24,758	23,688	3,864	97	113	2,193		
December.....	23,590	16,817	30,459	2,391	58	68	1,813		
1959: January.....	18,604	14,544	34,798	2,698	54	76	1,964	1,393	497
February.....	16,710	14,943	36,605	3,365	67	69	2,223		
March.....	24,329	23,250	37,759	6,950	110	107	4,032		
April.....	29,093	30,423	36,381	3,985	53	143	2,672	.....	.....
May.....	33,428	33,278	36,528	4,749	62	159	2,794	.....	.....
Percent change									
May, 1958-59.....	+ 14	+ 8	+ 8	-25	-33	+ 1	-19	.....	.....
First 5 mos., 1958-59.....	+ 18	+ 18	.....	+ 6	( <sup>3</sup> )	+ 3	+ 6	.....	.....

\*As of end of period. \*\*Data reported on a quarterly basis. Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup>Department of Interior, Bureau of Mines. <sup>2</sup>Bureau of the Census. <sup>3</sup>Change of less than one-half of 1 percent.



Table F-5: Portland Cement: Destination of Shipments, by State

State	(Thousands of barrels)								
	1959			Calendar year			12 months ending--		
	Mar.	Apr.	May	1956	1957	1958	Mar. 1959	Apr. 1959	May 1959
Alabama .....	455	475	492	4,935	4,627	4,768	5,058	5,118	5,156
Arizona .....	378	418	361	2,621	2,778	3,608	3,831	3,931	3,986
Arkansas .....	194	248	284	1,841	1,684	2,125	2,230	2,289	2,374
California .....	3,207	3,371	3,437	35,854	32,910	34,076	35,905	36,877	37,107
Colorado .....	309	379	463	3,703	4,027	4,183	4,231	4,269	4,301
Connecticut .....	167	315	361	4,325	5,188	3,206	3,133	3,159	3,114
Delaware .....	70	92	157	1,086	905	861	908	922	991
District of Columbia .....	153	171	163	1,327	1,172	1,524	1,620	1,647	1,661
Florida .....	1,056	1,147	1,277	9,499	9,985	11,397	12,249	12,517	12,809
Georgia .....	539	670	594	5,381	4,675	5,726	6,264	6,476	6,528
Idaho .....	101	149	133	1,074	959	1,453	1,507	1,510	1,494
Illinois .....	998	1,713	1,815	16,719	16,238	19,388	19,366	19,360	18,859
Indiana .....	437	721	776	9,181	7,045	7,328	7,306	7,310	7,350
Iowa .....	195	676	766	6,774	5,810	7,749	7,755	7,921	7,819
Kansas .....	544	759	712	6,963	4,980	6,396	6,783	6,940	6,969
Kentucky .....	256	354	341	3,509	3,281	3,074	3,194	3,283	3,331
Louisiana .....	844	796	785	8,303	7,585	8,043	8,337	8,518	8,665
Maine .....	30	57	114	978	964	956	974	984	1,004
Maryland .....	437	518	589	5,764	5,176	4,660	4,944	5,020	5,142
Massachusetts .....	253	472	647	5,848	4,922	4,762	4,622	4,718	4,851
Michigan .....	458	1,045	1,716	16,215	14,498	13,999	13,942	13,839	14,044
Minnesota .....	284	541	661	5,515	5,481	6,204	6,287	6,390	6,449
Mississippi .....	302	299	299	1,977	2,190	2,778	2,908	2,999	3,047
Missouri .....	679	861	770	7,646	6,851	7,637	8,130	8,306	8,251
Montana .....	65	106	126	1,405	1,377	1,394	1,384	1,374	1,364
Nebraska .....	187	364	294	3,352	2,651	3,833	3,983	4,030	3,918
Nevada .....	64	67	65	616	554	568	605	625	642
New Hampshire .....	27	58	81	926	637	584	584	596	621
New Jersey .....	583	940	1,052	9,428	7,952	7,902	8,105	8,305	8,553
New Mexico .....	258	299	306	2,086	2,206	2,430	2,690	2,808	2,896
New York .....	1,102	1,810	2,400	20,400	19,175	19,213	19,705	19,761	20,026
North Carolina .....	455	461	534	4,384	4,647	4,441	4,795	4,898	5,012
North Dakota .....	43	125	180	1,294	1,930	1,657	1,667	1,709	1,723
Ohio .....	875	1,536	1,763	17,554	17,306	16,186	16,224	16,424	16,715
Oklahoma .....	554	599	459	4,815	4,917	5,131	5,630	5,789	5,796
Oregon .....	234	263	246	2,565	2,532	2,593	2,598	2,663	2,691
Pennsylvania .....	957	1,490	1,674	15,445	14,288	15,172	15,532	15,663	15,714
Rhode Island .....	36	99	106	819	762	818	791	811	820
South Carolina .....	216	254	247	2,359	2,010	2,204	2,393	2,462	2,499
South Dakota .....	72	162	160	1,374	1,071	1,392	1,421	1,491	1,499
Tennessee .....	418	460	472	4,843	4,153	4,288	4,601	4,706	4,775
Texas .....	2,510	2,204	2,229	20,953	18,892	22,322	23,750	24,190	24,401
Utah .....	151	225	212	2,010	1,791	2,118	2,157	2,205	2,208
Vermont .....	9	29	46	334	302	353	356	361	370
Virginia .....	490	569	645	5,419	5,436	5,180	5,536	5,637	5,755
Washington .....	504	574	473	4,677	5,078	6,555	6,689	6,716	6,636
West Virginia .....	145	185	206	1,937	2,269	1,986	2,033	2,064	2,087
Wisconsin .....	216	469	754	6,768	6,771	6,751	6,620	6,495	6,469
Wyoming .....	48	83	124	655	688	962	981	1,010	1,050

Source: Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior, Bureau of Mines.

Note: Alaska and Hawaii have been omitted to avoid disclosure of individual company operations.



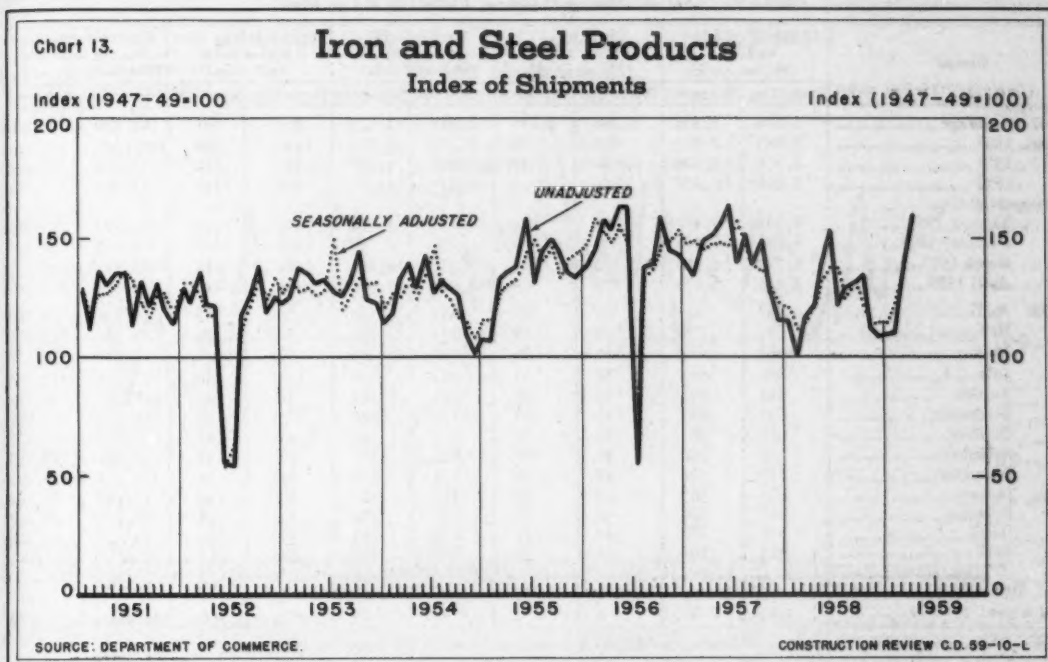


Table F-6: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Shipments									Shipments	Bookings	Backlog <sup>6</sup>	
	Line pipe <sup>1</sup>	Concrete reinforcing bars <sup>1</sup>	Galvanized sheets <sup>1</sup>	Nails <sup>1</sup>	Piling <sup>1</sup>	Rails <sup>1</sup>	Cast-iron pipe <sup>2</sup>		Rigid steel conduit <sup>3</sup>				Fabricated structural steel <sup>4</sup>
							Pressure	Soil					
1947-49 average .....	1,975	1,523	1,669	797	309	2,167	1,075	604	226	2,639	2,442	.....	
Year: 1956 .....	3,377	2,518	2,958	559	433	1,300	1,745	817	359	3,780	4,736	1,313	
1957 .....	4,217	2,300	2,393	447	569	1,283	1,352	757	352	4,180	3,073	1,125	
1958 .....	2,608	2,034	2,827	418	440	580	1,278	789	327	3,664	2,773	1,135	
12 months ending:													
February 1959.....	2,626	2,093	3,033	419	434	610	1,283	813	328	3,504	2,955	.....	
March 1959.....	2,759	2,180	3,154	428	437	659	1,303	846	328	3,427	3,014	.....	
April 1959.....	3,012	2,284	3,277	438	450	679	1,321	866	330	3,394	3,101	.....	
May 1959.....	3,141	2,349	3,363	448	463	711	( <sup>6</sup> )	( <sup>6</sup> )	333	3,360	3,119	.....	
1958: May.....	314	191	231	41	41	73	123	70	26	328	224	1,257	
June.....	312	274	277	54	61	68	130	77	34	329	287	1,267	
July.....	220	175	240	30	32	33	111	72	28	291	331	1,264	
August.....	228	180	253	38	37	43	129	79	30	298	226	1,200	
September.....	215	193	259	36	37	27	126	77	35	314	256	1,169	
October.....	226	184	290	39	34	39	129	82	30	307	259	1,083	
November.....	162	152	254	28	36	35	98	64	25	271	243	1,051	
December.....	145	143	266	22	35	43	85	57	23	267	197	1,135	
1959: January.....	222	134	279	30	30	56	76	58	29	224	236	1,107	
February.....	227	150	282	31	24	76	76	56	23	216	294	1,150	
March.....	307	228	317	43	35	103	108	90	21	260	255	1,146	
April.....	433	280	329	46	49	83	130	84	26	291	295	1,202	
May.....	443	256	317	51	54	105	( <sup>6</sup> )	( <sup>6</sup> )	29	294	242	1,151	
Percent change													
April, 1958-59.....	+ 140	+ 59	+ 60	+ 27	+ 35	+ 32	+ 16	+ 32	+ 9	- 10	+ 42	- 6	
	+ 51	+ 46	+ 59	+ 15	+ 8	+ 45	+ 12	+ 36	+ 4	- 21	+ 44	.....	

\*Scheduled for fabrication in the next 4 months. Table compiled by the Department of Commerce (BD&amp;A). Sources:

<sup>1</sup>American Iron and Steel Institute.<sup>2</sup>Department of Commerce, Bureau of the Census.<sup>3</sup>National Electric Manufacturers Association.<sup>4</sup>American Institute of Steel Construction, Inc.<sup>5</sup>Revised.<sup>6</sup>Not available.

Table F-7: Clay Construction Products: Production and Shipments

Period	Brick, common and face (Million brick)		Structural clay tile (Thousand tons)		Vitrified clay sewer pipe (Thousand tons)		Hollow facing tile (Million brick equivalent)		Glazed & unglazed floor & wall tile (Thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1947-49 average .....	5,504	5,324	1,286	1,231	1,451	1,375	357	341	104,800	101,088
Year: 1956 .....	8,085	7,382	862	750	2,154	2,039	576	535	1251,388	231,262
1957 .....	6,658	6,306	687	641	1,836	1,629	465	441	1212,114	1207,094
1958 .....	<sup>1</sup> 6,489	<sup>1</sup> 6,459	<sup>1</sup> 574	<sup>1</sup> 543	<sup>1</sup> 1,773	<sup>1</sup> 1,772	<sup>1</sup> 484	<sup>1</sup> 453	<sup>1</sup> 1221,768	<sup>1</sup> 215,710
12 months ending:										
January 1959.....	6,547	<sup>1</sup> 6,477	<sup>1</sup> 575	<sup>1</sup> 554	<sup>1</sup> 1,770	<sup>1</sup> 1,771	<sup>1</sup> 478	<sup>1</sup> 448	<sup>1</sup> 1223,597	<sup>1</sup> 216,912
February 1959.....	6,650	<sup>1</sup> 6,598	<sup>1</sup> 575	<sup>1</sup> 549	<sup>1</sup> 1,797	<sup>1</sup> 1,799	<sup>1</sup> 476	<sup>1</sup> 447	<sup>1</sup> 1225,285	<sup>1</sup> 220,754
March 1959.....	<sup>1</sup> 6,770	<sup>1</sup> 6,758	<sup>1</sup> 578	<sup>1</sup> 549	<sup>1</sup> 1,831	<sup>1</sup> 1,836	<sup>1</sup> 474	<sup>1</sup> 445	<sup>1</sup> 1228,271	<sup>1</sup> 224,335
April 1959.....	6,846	6,874	578	553	1,895	1,878	476	447	229,581	227,460
1958: April.....	542	<sup>1</sup> 571	147	<sup>1</sup> 146	<sup>1</sup> 119	<sup>1</sup> 144	36	35	<sup>1</sup> 19,759	<sup>1</sup> 18,560
May.....	<sup>1</sup> 585	599	<sup>1</sup> 49	<sup>1</sup> 50	<sup>1</sup> 145	<sup>1</sup> 157	38	36	<sup>1</sup> 18,666	<sup>1</sup> 18,244
June.....	<sup>1</sup> 582	<sup>1</sup> 619	<sup>1</sup> 51	<sup>1</sup> 50	<sup>1</sup> 152	<sup>1</sup> 173	43	42	<sup>1</sup> 17,434	<sup>1</sup> 18,50
July.....	<sup>1</sup> 591	<sup>1</sup> 618	<sup>1</sup> 58	<sup>1</sup> 55	<sup>1</sup> 164	<sup>1</sup> 178	<sup>1</sup> 40	<sup>1</sup> 40	<sup>1</sup> 17,011	<sup>1</sup> 18,334
August.....	613	635	<sup>1</sup> 55	<sup>1</sup> 49	<sup>1</sup> 168	<sup>1</sup> 184	44	41	<sup>1</sup> 18,013	<sup>1</sup> 18,772
September.....	633	661	<sup>1</sup> 52	<sup>1</sup> 47	<sup>1</sup> 170	<sup>1</sup> 186	<sup>1</sup> 43	40	<sup>1</sup> 19,014	<sup>1</sup> 19,259
October.....	<sup>1</sup> 662	<sup>1</sup> 697	54	54	183	190	<sup>1</sup> 48	43	<sup>1</sup> 21,577	<sup>1</sup> 21,431
November.....	578	580	46	47	<sup>1</sup> 161	152	40	37	<sup>1</sup> 18,491	<sup>1</sup> 17,615
December.....	<sup>1</sup> 535	<sup>1</sup> 426	<sup>1</sup> 48	38	<sup>1</sup> 149	<sup>1</sup> 118	39	38	<sup>1</sup> 20,031	<sup>1</sup> 18,476
1959: January.....	465	365	44	38	131	101	36	33	19,789	17,564
February.....	442	389	34	35	136	100	32	29	18,265	18,012
March.....	542	598	40	40	153	153	35	<sup>1</sup> 31	20,221	19,818
April.....	618	687	47	50	183	186	38	37	21,069	21,685
Percent change										
April, 1958-59.....	+14	+20	+1	+8	+54	+29	+3	+6	+7	+17
First 4 mos., 1958-59.....	+21	+26	+3	+5	+26	+25	-6	-5	+11	+18

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. <sup>1</sup> Revised.Table F-8.-Clay Construction Products: Production and Shipments, by Census Region <sup>1</sup>

Census region	PRODUCTION				SHIPMENTS			
	1959				1959			
	Apr.	Mar.	Feb.	Jan.	Apr.	Mar.	Feb.	Jan.
Brick, common and face (thousands)								
U. S. TOTAL .....	618,441	541,738	441,556	465,495	686,885	597,724	388,603	365,075
New England .....	11,093	6,008	9,084	9,804	10,440	6,385	5,649	7,139
Middle Atlantic .....	82,209	71,380	53,023	55,101	94,032	76,790	41,229	34,067
East North Central .....	132,485	99,691	69,047	81,041	137,746	104,636	55,255	52,520
West North Central .....	30,204	24,003	20,471	23,365	31,998	27,102	15,372	16,442
South Atlantic .....	156,170	146,034	117,716	120,430	174,848	163,515	113,453	99,789
East South Central .....	73,660	70,673	60,254	58,993	84,487	73,168	50,051	45,078
West South Central .....	80,627	80,977	74,347	73,953	96,962	93,063	65,016	66,129
Mountain .....	28,131	27,859	25,792	27,766	29,103	27,022	23,949	24,298
Pacific .....	23,862	15,113	11,822	15,042	27,269	26,043	18,629	19,613
Structural clay tile (tons)								
U. S. TOTAL .....	47,103	40,351	34,306	44,069	49,831	40,067	34,561	38,281
Middle Atlantic .....	4,779	3,714	2,789	3,390	4,876	3,504	3,012	3,219
East North Central .....	925	2,028	1,092	1,282	1,659	1,362	1,223	1,228
West North Central .....	5,522	4,045	1,924	5,549	8,549	5,567	4,472	5,544
South Atlantic .....	12,081	11,659	7,649	8,285	11,503	8,911	7,338	8,327
East South Central .....	2,824	2,054	1,396	2,269	2,971	1,706	1,471	2,072
West South Central .....	18,363	15,310	17,022	21,490	18,184	17,213	14,439	15,872
Mountain & Pacific .....	2,609	1,541	2,434	1,804	2,049	1,804	2,606	2,019
Vitrified clay sewer pipe (tons)								
U. S. TOTAL .....	183,496	152,916	136,256	131,438	185,665	153,434	99,761	101,422
Middle Atlantic .....	16,413	10,795	9,086	4,968	16,579	12,933	5,884	4,774
East North Central .....	72,005	54,875	44,872	45,005	71,979	58,576	30,586	27,342
West North Central .....	14,903	14,087	13,023	10,860	18,696	13,345	8,484	7,958
South Atlantic .....	23,529	19,636	19,324	20,163	23,164	19,615	17,937	17,877
E. & W. South Central .....	24,484	20,061	21,640	22,828	25,730	22,718	19,078	20,710
Mountain .....	4,234	3,368	3,714	3,211	4,034	3,061	2,458	1,779
Pacific .....	27,928	30,094	24,597	24,403	25,483	23,186	15,334	20,982

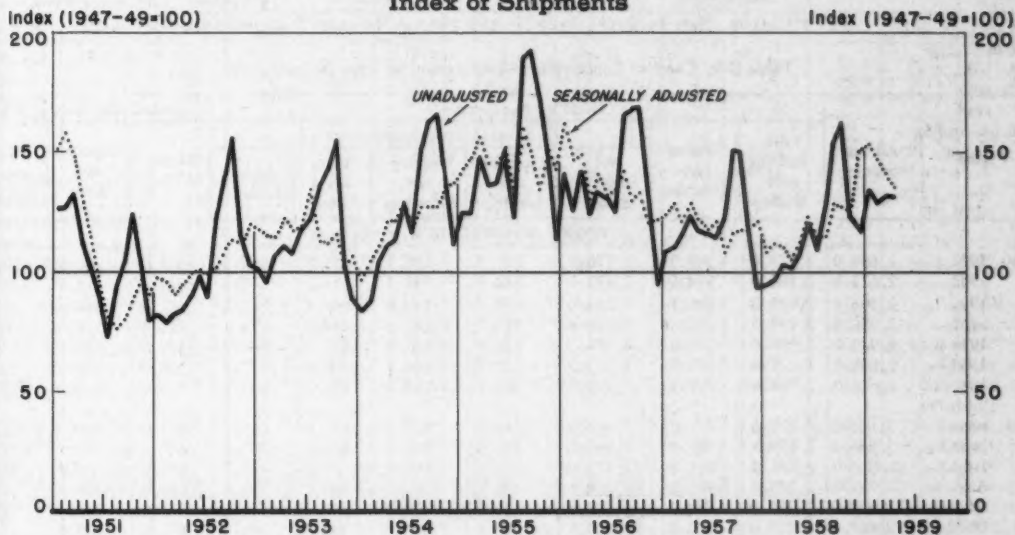
Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. regions, and nonfarm population distribution by region, are shown under table 2.

<sup>1</sup> Composition of

Chart 14.

# Heating and Plumbing Equipment

## Index of Shipments



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-9: Heating and Plumbing Equipment: Shipments and Stocks

Period	Gas water heaters (Thousands of units)		C. I. convectors and radiators (Thousand square feet)		Warm air furnaces (Thousands of units)		Floor and wall furnaces (Thousands of units)		Residential oil burners <sup>1</sup> (Thousands of units)
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	
1947-49 average.....	1,818	67	50,980	4,377	794	69	552	44	541
Year: 1956.....	2,712	134	29,567	3,810	1,355	218	492	70	532
1957.....	2,825	79	24,892	3,482	1,131	183	469	65	425
1958.....	2,622	83	20,386	3,182	1,185	149	464	49	354
12 months ending:									
January 1959.....	2,642	.....	20,489	.....	1,203	.....	475	.....	361
February 1959.....	2,677	.....	20,675	.....	1,221	.....	489	.....	369
March 1959.....	2,710	.....	20,498	.....	1,243	.....	<sup>2</sup> 498	.....	381
April 1959.....	2,739	.....	( <sup>3</sup> )	.....	1,269	.....	511	.....	391
1958: April.....	219	72	1,361	4,807	72	182	29	66	19
May.....	206	89	1,135	5,403	80	193	27	71	27
June.....	227	97	1,440	5,769	99	196	31	71	30
July.....	217	96	1,457	5,300	94	188	37	69	27
August.....	212	82	2,095	4,950	124	174	41	65	35
September.....	225	78	2,643	4,097	153	159	54	61	45
October.....	255	54	2,765	3,355	145	147	69	53	50
November.....	193	84	1,775	3,182	115	140	44	50	31
December.....	204	83	1,253	3,182	91	149	43	49	25
1959: January.....	253	77	1,446	3,791	89	172	41	57	33
February.....	247	78	1,415	4,234	86	191	42	61	30
March.....	253	86	1,713	4,596	95	<sup>2</sup> 207	<sup>2</sup> 38	59	29
April.....	248	75	( <sup>3</sup> )	( <sup>3</sup> )	98	221	42	59	29
Percent change									
March, 1958-59.....	+ 15	+ 40	- 9	+ 4	+ 30	<sup>2</sup> + 20	<sup>2</sup> + 31	- 9	+ 70
First 3 mos., 1958-59.....	+ 13	.....	+ 3	.....	+ 27	.....	<sup>2</sup> + 37	.....	+ 41

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \*As of end of period.

<sup>1</sup>Sold separately. <sup>2</sup>Revised. <sup>3</sup>Not available.

## Part G--Employment

NOTE: Beginning with data for January 1958, employment estimates for all States and areas (except as noted) are classified according to the Standard Industrial Classification Manual issued in 1957 by the Bureau of the Budget and are not strictly comparable with data for earlier periods.

Table G-1: Contract Construction: Employment by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
NUMBER OF EMPLOYEES (in thousands)											
Year: 1952.....	2,634.0	2,119.0	948.3	1,170.8	287.7	156.5	155.7	570.9	514.0	209.4	305.0
1953.....	2,622.0	2,109.0	934.0	1,175.1	288.9	148.1	159.7	578.4	513.0	214.9	297.8
1954.....	2,593.0	2,090.0	885.7	1,204.0	295.7	143.8	164.4	600.1	503.0	217.4	285.6
1955.....	2,759.0	2,243.0	922.6	1,320.8	317.0	162.3	168.4	673.1	516.0	232.4	284.0
1956.....	2,929.0	2,336.0	970.0	1,366.0	328.7	170.9	186.2	680.2	593.0	257.9	335.3
1957.....	2,808.0	2,222.0	869.3	1,352.7	321.7	164.2	188.9	677.9	586.0	250.1	335.6
1958.....	2,648.0	2,080.0	750.5	1,329.5	303.5	169.5	173.2	683.3	568.0	256.0	312.3
1958: May....	2,685.0	2,074.0	764.0	1,309.9	285.9	171.2	162.6	690.2	611.0	280.5	330.0
June....	2,806.0	2,159.0	789.4	1,369.8	299.6	180.4	166.9	722.9	647.0	311.1	335.8
July....	2,882.0	2,226.0	811.0	1,413.9	311.6	197.4	173.9	732.0	656.0	318.1	337.7
Aug....	2,955.0	2,285.0	825.0	1,459.5	318.7	200.7	182.2	757.9	670.0	326.1	343.6
Sept....	2,927.0	2,255.0	802.1	1,453.0	321.9	193.5	187.1	750.5	672.0	328.4	343.5
Oct....	2,887.0	2,235.0	789.2	1,445.3	323.7	189.4	183.9	748.3	652.0	317.3	335.1
Nov....	2,784.0	2,179.0	769.0	1,410.3	315.3	181.6	179.3	734.1	605.0	286.7	318.1
Dec....	2,486.0	1,980.0	677.8	1,302.5	308.6	163.8	177.4	652.7	506.0	217.0	289.0
1959: Jan....	2,343.0	1,906.0	650.8	1,255.3	295.8	147.8	170.9	640.8	437.0	175.7	261.6
Feb....	2,256.0	1,837.0	623.5	1,213.2	287.6	141.5	165.6	618.5	419.0	164.3	254.6
Mar....	2,417.0	1,945.0	671.8	1,273.2	292.6	154.0	160.4	666.2	472.0	194.0	277.6
Apr....	2,662.0	2,091.0	742.2	1,348.5	301.6	174.4	161.6	710.9	571.0	254.9	315.8
May.....	2,838.0	2,184.0	778.4	1,405.5	306.8	198.2	170.5	730.0	654.0	308.4	345.7
June....	* 2,971.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Percent change											
Apr.-May 1959...	+ 6.6	+ 4.4	+ 4.9	+ 4.2	+ 1.7	+ 13.6	+ 5.5	+ 2.7	+ 14.5	+ 21.0	+ 9.5
May, 1958-59...	+ 5.7	+ 5.3	+ 1.9	+ 7.3	+ 7.3	+ 15.8	- 4.9	+ 5.8	+ 7.0	+ 9.9	+ 4.8

Source: Department of Labor, Bureau of Labor Statistics. \*Percent change: May-June 1959, +4.7; June 1958-59, +5.9. <sup>1</sup>Not available.

Table G-2: Contract Construction: Number of Employees

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
NUMBER OF EMPLOYEES (in thousands, seasonally adjusted)													
1948.....	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949.....	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957.....	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958.....	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959.....	2,650	2,626	2,719	2,829	2,791	2,784							

Source: Department of Labor, Bureau of Labor Statistics.



Table G-3.--Contract Construction: Employment, by State

State	Number of employees (in thousands)											Percent change, May 1958-59
	1958						1959					
	May	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
Alabama .....	38.7	41.3	41.4	41.2	40.4	38.7	37.9	37.6	38.7	39.1	40.2	+ 4
Arizona .....	25.9	28.1	29.1	29.6	29.2	29.7	28.2	27.5	28.2	28.8	29.1	+12
Arkansas .....	18.1	22.7	22.5	22.2	21.5	16.3	14.9	14.2	14.9	16.0	18.1	0
California .....	276.3	294.5	298.5	295.9	286.2	280.0	262.2	255.5	272.8	281.1	290.6	+ 5
Colorado .....	34.6	38.1	36.7	35.4	34.8	34.2	31.8	30.6	31.9	32.8	34.6	0
Connecticut <sup>1</sup> .....	47.5	52.5	51.7	50.2	47.4	43.9	39.0	37.4	37.9	41.6	43.2	- 9
Delaware .....	11.8	12.7	12.7	12.3	12.5	10.7	9.9	9.9	10.5	11.6	11.9	+ 1
District of Columbia ..	18.9	21.0	21.6	21.3	21.4	20.6	20.1	19.2	20.2	21.0	21.3	+13
Florida .....	119.2	130.0	131.7	135.7	133.0	129.6	129.5	127.7	126.5	126.3	131.0	+10
Georgia .....	53.5	61.8	60.9	59.9	57.7	53.5	53.2	51.3	55.4	57.4	58.8	+10
Idaho .....	11.8	13.0	12.7	12.4	11.4	10.5	9.4	8.9	9.8	10.8	11.7	- 1
Illinois .....	171.0	180.3	179.4	177.7	171.9	144.3	144.6	139.0	146.9	165.3	( <sup>2</sup> )	.....
Indiana .....	66.5	73.3	71.3	68.9	64.3	52.2	51.3	49.3	51.5	57.9	61.5	- 8
Iowa .....	31.9	39.1	38.5	37.3	36.5	29.7	27.7	25.9	27.0	32.9	35.0	+10
Kansas .....	40.0	41.4	40.4	40.4	38.4	33.8	31.5	29.1	34.7	36.2	37.5	- 6
Kentucky .....	32.4	37.0	36.1	36.3	35.0	30.2	29.4	29.3	31.2	35.7	37.0	+14
Louisiana .....	65.6	64.6	63.9	65.4	65.1	63.6	61.3	59.4	60.7	60.9	62.0	- 6
Maine .....	12.1	15.0	15.1	14.9	13.9	11.2	10.0	9.4	9.0	10.2	12.6	+ 4
Maryland .....	60.4	66.6	65.8	64.7	62.9	56.5	49.7	49.8	54.5	58.8	61.4	+ 2
Massachusetts .....	77.3	85.2	83.7	83.2	80.6	71.6	63.2	60.1	61.7	70.3	78.0	+ 1
Michigan .....	99.3	106.6	104.6	102.5	98.1	85.5	81.4	78.1	81.4	93.1	103.8	+ 5
Minnesota .....	54.0	63.5	63.3	62.5	56.5	46.8	41.6	39.9	41.5	48.5	54.4	+ 1
Mississippi .....	22.2	25.2	26.5	24.5	23.8	21.4	19.7	18.2	19.7	21.2	22.4	+ 1
Missouri .....	64.8	69.4	69.5	69.2	70.0	61.2	57.7	55.2	59.9	63.1	65.5	+ 1
Montana .....	10.9	13.7	13.6	12.3	11.0	9.1	8.7	7.8	8.4	11.3	12.8	+17
Nebraska .....	21.4	23.1	23.7	24.8	23.2	20.6	19.4	18.2	19.0	21.5	22.6	+ 6
Nevada .....	6.4	6.9	7.0	7.0	6.9	6.5	6.0	5.9	6.6	7.0	7.4	+16
New Hampshire .....	8.8	10.5	10.2	9.8	9.5	8.4	7.2	6.9	6.9	7.8	9.1	+ 3
New Jersey .....	87.3	97.3	98.5	94.4	91.6	83.4	78.2	77.0	83.5	89.2	93.1	+ 7
New Mexico .....	19.9	20.5	21.0	21.6	22.4	22.0	22.0	22.7	23.0	23.6	23.3	+17
New York .....	*251.6	*274.6	*275.9	*273.3	*266.9	*238.4	220.7	215.4	226.0	245.9	262.3	+ 4
North Carolina .....	56.9	61.7	61.5	60.2	58.4	52.9	51.4	51.7	54.1	55.0	57.0	0
North Dakota .....	11.0	14.4	14.5	13.8	12.3	7.9	6.3	6.1	6.0	7.8	( <sup>2</sup> )	.....
Ohio .....	146.2	161.5	161.9	162.4	154.1	133.2	127.1	123.9	126.8	139.8	149.4	+ 2
Oklahoma .....	32.0	35.2	33.0	33.2	32.8	31.5	30.5	31.0	33.6	34.0	34.4	+ 8
Oregon .....	22.5	25.6	29.9	29.7	25.7	24.0	21.1	21.1	21.9	23.6	24.6	+ 9
Pennsylvania .....	167.2	183.9	181.2	179.1	170.6	145.1	136.4	134.4	142.2	166.6	176.8	+ 6
Rhode Island .....	18.0	20.0	20.2	20.3	20.0	17.9	16.0	14.7	15.8	18.4	20.0	+11
South Carolina .....	29.2	30.2	29.4	29.6	29.1	27.6	28.2	26.7	27.4	28.0	28.7	- 2
South Dakota .....	8.8	9.7	9.7	9.4	7.9	5.9	5.5	5.2	5.5	7.9	9.2	+ 5
Tennessee .....	40.3	46.5	46.4	46.3	44.7	41.4	37.2	38.2	42.0	44.0	44.7	+11
Texas .....	159.2	163.9	156.4	159.9	165.0	167.5	164.3	163.9	168.1	169.1	173.4	+ 9
Utah .....	14.7	17.9	18.2	17.5	16.3	14.0	12.0	12.4	14.0	15.8	16.7	+14
Vermont .....	6.3	7.8	7.5	7.1	6.7	5.9	4.8	4.1	4.1	5.4	6.7	+ 6
Virginia .....	66.2	70.5	69.8	69.0	67.1	61.6	59.6	60.0	63.5	67.8	70.4	+ 6
Washington .....	44.7	49.4	49.5	49.2	45.9	42.9	40.1	40.3	44.1	46.1	45.5	+ 2
West Virginia .....	19.8	25.6	25.3	25.3	23.7	21.7	20.5	20.4	20.9	22.0	( <sup>2</sup> )	.....
Wisconsin .....	53.4	58.9	57.8	57.4	54.8	48.2	45.9	43.1	43.8	47.5	54.6	+ 2
Wyoming .....	7.9	9.4	9.3	8.6	8.1	6.6	6.0	5.7	5.8	7.2	8.0	+ 1

Source: State agencies in cooperation with Department of Labor, Bureau of Labor Statistics. <sup>1</sup>Includes a small number of employees in mining. <sup>2</sup>Not available. <sup>3</sup>Based on the 1942 Social Security Board Industrial Classification Code. See note at beginning of Part G.

Table G-4: Contract Construction: Employment in Selected Areas

Metropolitan area	Number of employees (in thousands)											Percent change May 1958-59
	1958						1959					
	May	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
Akron, Ohio.....	7.3	8.5	8.8	8.7	8.4	6.4	5.7	5.6	5.4	6.6	7.6	+ 4
Albany-Schenectady-Troy, N.Y. ...	6.8	7.9	7.6	7.9	7.7	6.5	5.3	4.9	4.9	5.9	6.4	- 6
Albuquerque, N. Mex.....	5.7	6.8	7.2	7.1	7.2	7.3	7.3	7.5	7.7	7.8	7.5	+32
Allentown-Bethlehem-Easton, Pa.	7.6	8.0	7.7	7.2	7.1	6.2	5.5	5.9	6.4	7.3	8.1	+ 7
Atlanta, Ga.....	20.6	25.3	24.7	23.5	22.7	21.8	21.7	20.8	22.5	23.5	23.8	+16
Baltimore, Md.....	36.2	38.8	38.2	37.4	36.1	33.0	29.7	30.0	33.6	36.4	38.1	+ 5
Baton Rouge, La.....	8.9	8.6	9.5	9.2	8.9	8.8	8.6	8.1	8.4	8.8	8.9	0
Binghamton, N. Y.....	3.1	3.3	3.4	3.4	3.2	2.4	2.3	2.2	2.3	2.8	3.5	+13
Birmingham, Ala.....	11.5	13.3	13.4	13.7	13.3	12.9	11.4	12.7	12.8	13.1	13.5	+17
Boise, Idaho.....	1.8	2.0	2.0	1.9	1.9	1.7	1.6	1.6	1.7	1.8	1.9	+ 6
Boston, Mass.....	45.0	50.2	49.1	48.6	47.1	41.7	36.7	35.0	36.2	42.4	46.7	+ 4
Bridgeport, Conn. <sup>1</sup> .....	5.4	5.9	5.9	5.7	5.5	5.3	4.8	4.5	4.6	5.0	4.2	-22
Buffalo, N. Y.....	21.4	25.8	26.2	26.1	23.5	20.0	18.9	17.4	18.1	21.1	23.6	+10
Canton, Ohio.....	4.0	4.3	4.5	4.1	4.0	2.9	2.9	2.8	3.1	3.0	3.8	- 5
Casper, Wyo.....	1.3	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.8	2.1	+62
Charleston, S. C.....	3.9	4.0	3.9	4.1	4.1	4.2	4.4	4.3	4.3	4.2	4.3	+10
Charleston, W. Va.....	3.7	4.7	4.7	4.7	4.3	3.9	3.7	3.8	3.8	4.3	( <sup>2</sup> )	.....
Charlotte, N. C.....	6.3	6.5	6.5	6.6	6.3	5.7	5.4	5.3	5.6	5.7	5.8	- 8
Chattanooga, Tenn.....	2.9	3.3	3.5	3.5	3.6	3.6	3.4	3.9	4.3	4.3	4.3	+48
Chicago, Ill.....	129.9	134.9	135.0	132.4	128.9	106.5	107.1	104.0	109.5	120.3	( <sup>2</sup> )	.....
Cincinnati, Ohio.....	17.7	19.5	19.8	19.9	19.7	17.3	16.6	16.1	16.6	18.3	19.1	+ 8
Cleveland, Ohio.....	25.3	34.1	33.8	34.1	32.4	27.8	26.5	24.4	25.6	28.0	29.4	+16
Columbus, Ohio.....	13.7	15.6	15.8	15.5	14.9	12.3	11.3	11.4	11.7	13.5	13.9	+ 2
Dayton, Ohio.....	7.7	8.4	8.5	8.4	8.0	6.2	5.9	6.1	6.4	7.2	7.6	- 1
Denver, Colo.....	19.8	21.7	22.1	21.5	21.6	21.3	19.6	18.7	19.4	19.8	20.8	+ 5
Des Moines, Iowa.....	4.2	5.9	5.8	5.8	5.6	5.0	4.6	4.4	4.7	5.7	4.2	0
Detroit, Mich.....	46.3	52.8	52.9	51.2	48.6	43.1	38.7	37.5	40.7	43.8	48.5	+ 5
Duluth, Minn.....	2.5	2.9	3.0	3.1	2.8	2.3	1.9	1.8	1.7	1.9	2.0	-20
Evansville, Ind.....	2.9	3.2	3.1	3.1	3.0	2.6	2.4	2.3	2.3	2.4	2.4	-17
Fargo, N. D.....	2.1	2.9	3.0	3.1	2.9	2.0	1.6	1.6	1.5	2.1	( <sup>2</sup> )	.....
Fort Wayne, Ind.....	4.2	3.9	3.7	3.5	3.4	3.1	2.9	2.8	2.9	3.3	3.4	-19
Great Falls, Mont.....	1.8	2.1	2.2	2.1	1.9	1.5	1.4	1.2	1.4	1.7	1.8	0
Harrisburg, Pa.....	8.1	9.0	8.6	8.4	7.6	6.3	5.7	5.5	6.1	6.8	7.2	-11
Hartford, Conn. <sup>1</sup> .....	10.2	11.1	11.0	10.8	10.6	9.9	8.9	8.8	9.0	9.6	10.3	+ 1
Huntington-Ashland, W. Va.....	2.9	3.2	2.9	2.9	2.9	2.7	2.5	2.3	2.4	2.4	( <sup>2</sup> )	.....
Indianapolis, Ind.....	13.6	13.8	13.8	13.6	12.8	10.1	10.2	10.0	10.5	11.5	12.4	- 9
Jackson, Miss.....	4.6	5.2	5.5	5.0	4.8	4.1	3.7	3.6	3.8	3.8	3.9	-15
Jacksonville, Fla.....	10.0	11.0	10.8	11.0	10.9	11.0	10.8	10.7	11.1	11.4	11.6	+16
Kansas City, Mo.....	24.1	26.0	26.0	26.0	26.5	24.2	23.3	22.2	24.3	25.5	( <sup>2</sup> )	.....
Knoxville, Tenn.....	5.4	6.4	6.9	7.0	7.1	6.7	6.6	6.6	7.4	7.4	7.8	+44
Lewiston-Auburn, Maine.....	1.0	1.0	1.0	1.1	1.1	1.0	.9	.8	.8	.9	1.0	0
Little Rock-N. Little Rock, Ark..	6.0	7.5	6.6	7.3	6.0	5.1	4.6	4.3	4.7	4.9	5.3	-12
Los Angeles-Long Beach, Calif...	119.4	126.0	127.7	127.1	124.4	124.8	122.7	117.9	125.6	128.2	132.6	+11
Louisville, Ky.....	12.5	14.0	13.5	12.9	12.4	11.3	10.7	10.8	12.4	13.7	13.8	+10
Manchester, N. H.....	1.9	2.3	2.2	2.1	2.0	1.8	1.6	1.5	1.5	1.8	1.9	0
Memphis, Tenn.....	11.1	12.3	12.3	12.4	11.7	11.2	10.4	10.7	11.4	11.6	11.4	+ 3
Miami, Fla.....	26.3	31.1	28.3	30.7	29.7	28.7	28.3	27.6	26.0	26.9	28.0	+ 7
Milwaukee, Wis.....	20.6	21.4	21.9	22.2	21.5	19.1	18.8	18.0	18.2	19.4	21.4	+ 4
Minneapolis-St. Paul, Minn.....	29.3	31.0	34.2	33.7	31.5	28.6	25.7	24.5	25.9	28.7	29.1	- 1
Mobile, Ala.....	5.3	5.3	5.4	5.4	5.2	5.2	5.3	5.4	5.5	5.5	5.6	+ 6
Nashville, Tenn.....	6.6	6.9	7.5	7.4	7.3	6.7	6.3	6.1	6.4	7.0	7.1	+ 8
New Bedford, Mass.....	1.0	1.0	1.1	1.2	1.2	1.1	1.0	.9	1.0	1.3	1.4	+40
New Britain, Conn. <sup>1</sup> .....	1.5	1.5	1.5	1.5	1.5	1.4	1.2	1.2	1.2	1.4	1.5	0
New Haven, Conn.....	7.2	7.5	7.7	7.5	7.4	7.0	6.4	6.3	6.4	7.0	7.7	+ 7
New Orleans, La.....	19.6	20.5	19.3	19.1	19.4	19.1	18.5	18.3	18.3	18.1	18.3	- 7

See footnotes at end of table.

Table G-4: Contract Construction: Employment in Selected Areas—Continued

Metropolitan area	Number of employees (in thousands)											Percent change May 1958-59
	1958						1959					
	May	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	
New York-Northeastern, N. Jersey	219.3	231.6	247.9	240.3	237.2	217.4	201.7	193.4	203.8	219.7	229.0	+ 4
Newark-Jersey City, N. J.....	28.2	28.4	31.0	30.0	29.3	28.0	26.0	25.5	26.8	27.7	29.3	+ 4
Paterson, N. J.....	19.1	22.8	25.8	24.3	23.5	21.2	19.8	18.9	19.7	21.9	22.9	+20
Perth Amboy, N. J.....	7.1	7.7	10.1	9.4	9.3	8.5	8.7	7.7	8.0	8.5	9.0	+27
Nassau-Suffolk Counties, N.Y..	33.6	34.1	34.9	33.8	33.6	28.8	23.0	20.9	24.0	28.5	30.9	- 8
New York, N. Y.....	*111.9	*118.1	*123.9	*121.8	*120.6	*113.5	108.4	104.5	108.2	112.7	114.1	+ 2
Westchester County, N. Y.....	18.6	19.6	20.9	19.5	19.4	16.3	13.8	13.9	14.3	17.4	19.4	+ 4
Norfolk-Portsmouth, Va.....	11.7	12.4	12.1	12.2	11.8	11.3	11.5	11.6	12.1	12.9	13.3	+14
Oklahoma City, Okla.....	9.2	10.4	10.0	9.9	10.0	9.7	9.5	9.7	10.4	10.6	11.2	+22
Omaha, Nebr. <sup>1</sup> .....	9.8	9.8	10.5	11.3	10.5	9.4	9.0	8.4	8.9	9.8	10.1	+ 3
Peoria, Ill.....	*3.8	*4.3	*4.2	*4.3	*4.2	*4.0	(2)	(2)	(2)	(2)	(2)	.....
Philadelphia, Pa.....	71.3	78.6	78.3	79.5	77.3	66.7	62.8	61.8	65.1	72.0	73.9	+ 4
Phoenix, Ariz.....	13.9	15.4	15.7	15.6	15.4	15.8	15.2	15.0	15.3	15.9	16.1	+16
Pittsburgh, Pa.....	41.7	45.5	44.9	44.6	42.1	36.2	34.9	35.2	36.7	40.6	41.9	+ 1
Portland, Maine.....	2.6	3.8	3.8	3.7	3.5	3.4	2.7	2.3	2.2	2.5	2.8	+ 8
Portland, Oreg.....	12.1	13.4	15.8	15.6	14.1	13.6	12.3	12.6	12.8	13.7	14.1	+17
Providence, R. I.....	15.9	17.7	17.9	18.0	17.7	15.8	14.2	13.0	14.0	16.3	17.7	+11
Racine, Wis.....	1.7	2.0	2.2	2.2	2.0	1.5	1.4	1.3	1.3	1.5	2.0	+18
Reno, Nev.....	2.8	2.9	2.9	2.9	2.8	2.6	2.4	2.3	2.5	2.7	2.9	+ 4
Richmond, Va.....	12.0	12.7	12.3	12.0	11.7	10.9	10.9	11.3	11.7	12.3	12.4	+ 3
Rochester, N. Y.....	9.8	11.1	11.4	11.1	10.6	9.4	8.3	7.5	7.3	8.3	9.4	- 4
Rockford, Ill <sup>1</sup> .....	*4.1	*4.5	*4.4	*4.4	*4.1	*3.1	(2)	(2)	(2)	(2)	(2)	.....
Sacramento, Calif.....	9.2	10.2	10.1	10.5	10.1	9.8	8.9	8.6	9.1	9.6	10.6	+15
St. Louis, Mo.....	32.5	33.0	32.9	32.5	31.8	28.0	26.3	25.0	26.4	29.4	29.1	-11
Salt Lake City, Utah.....	8.3	9.6	9.7	9.3	8.4	7.4	6.8	6.7	7.2	7.7	8.3	0
San Diego, Calif.....	18.2	18.7	18.9	18.9	18.9	19.0	18.6	18.2	18.8	19.2	19.7	+ 8
San Francisco-Oakland, Calif.....	56.3	61.1	61.2	60.9	60.0	58.4	55.2	53.5	57.7	58.3	59.8	+ 6
San Jose, Calif.....	12.7	14.1	14.0	14.3	14.4	14.1	13.1	12.7	13.6	14.0	14.5	+14
Savannah, Ga.....	5.5	5.2	5.1	4.8	4.4	4.5	4.7	5.0	4.8	4.7	4.9	-11
Seattle, Wash.....	15.0	15.7	15.8	15.2	14.3	13.7	13.3	13.5	14.2	14.6	15.3	+ 2
Shreveport, La.....	6.7	7.5	6.7	7.1	6.8	6.4	6.2	5.7	6.1	6.3	6.5	- 3
Sioux Falls, S. D.....	1.7	2.0	2.0	2.0	1.9	1.4	1.1	1.1	1.2	1.4	1.6	- 6
South Bend, Ind.....	3.0	3.0	3.0	3.0	2.8	2.5	2.4	2.5	2.7	2.9	3.1	+ 3
Spokane, Wash.....	4.2	4.5	4.6	4.6	3.8	3.4	3.1	2.9	3.5	4.4	4.9	+17
Springfield-Holyoke, Mass.....	4.8	5.8	5.7	5.6	5.5	5.0	4.3	4.1	4.4	5.1	5.9	+23
Stamford, Conn. <sup>1</sup> .....	3.7	3.7	3.7	3.7	3.6	3.3	2.9	2.8	3.0	3.4	3.6	- 3
Syracuse, N. Y.....	6.5	6.0	6.4	6.7	6.4	5.6	4.9	4.3	4.4	4.9	5.6	-14
Tacoma, Wash.....	3.7	4.3	4.2	4.2	3.9	3.6	3.3	3.2	3.3	3.6	3.5	- 5
Tampa-St. Petersburg, Fla.....	20.8	21.8	22.1	22.1	21.4	21.8	21.6	21.8	21.2	21.2	22.2	+ 7
Toledo, Ohio.....	9.6	9.9	9.8	10.0	9.5	8.6	7.9	7.6	7.9	9.1	9.5	- 1
Topeka, Kans.....	4.6	4.7	4.5	4.4	3.8	3.3	3.1	3.0	3.2	3.4	3.4	-26
Trenton, N. J.....	4.3	4.8	5.0	5.0	4.8	4.3	3.7	3.9	4.4	5.0	4.9	+14
Tucson, Ariz.....	5.3	5.7	5.9	6.0	6.0	6.0	5.7	5.7	5.8	5.8	5.8	+ 9
Tulsa, Okla.....	7.7	8.2	7.2	7.4	7.5	7.4	7.2	7.1	7.5	7.7	7.7	0
Utica-Rome, N. Y.....	2.9	3.5	3.5	3.1	2.8	2.0	1.7	1.6	1.7	2.1	2.7	- 7
Washington, D. C.....	40.6	44.6	45.4	44.8	44.1	42.1	40.9	40.1	41.8	43.4	44.4	+ 9
Waterbury, Conn. <sup>1</sup> .....	2.0	2.2	2.2	2.2	2.1	2.0	1.7	1.6	1.7	1.9	2.1	+ 5
Wheeling-Steubenville, W. Va.....	6.1	6.4	6.7	6.6	6.5	6.3	5.7	5.6	5.3	4.7	(2)	.....
Wichita, Kans.....	6.8	7.4	7.5	7.4	6.8	6.3	5.7	5.4	5.9	5.9	6.2	- 9
Wilmington, Del.....	9.9	10.6	10.7	10.4	10.6	9.2	8.2	7.9	8.4	9.2	9.6	- 3
Worcester, Mass.....	3.5	3.5	3.8	3.8	3.6	3.1	2.5	2.3	2.2	2.4	2.5	-27
Youngstown, Ohio.....	8.7	9.1	9.5	9.3	9.2	7.6	7.4	7.6	7.8	8.9	9.7	+12

Source: State agencies in cooperation with the Department of Labor, Bureau of Labor Statistics. <sup>1</sup>Based on the 1942 Social Security Board Classification Code. See note at beginning of Part G. <sup>2</sup>Includes a small number of employees in mining. <sup>3</sup>Not available.

Table G-5: Contract Construction: Indexes of Aggregate Weekly Man-Hours

(1947-49=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.1
1959.....	99.7	92.0	103.7	119.0	129.6	138.7							

Source: Department of Labor, Bureau of Labor Statistics.

Chart 15

## Hours and Earnings in Contract Construction

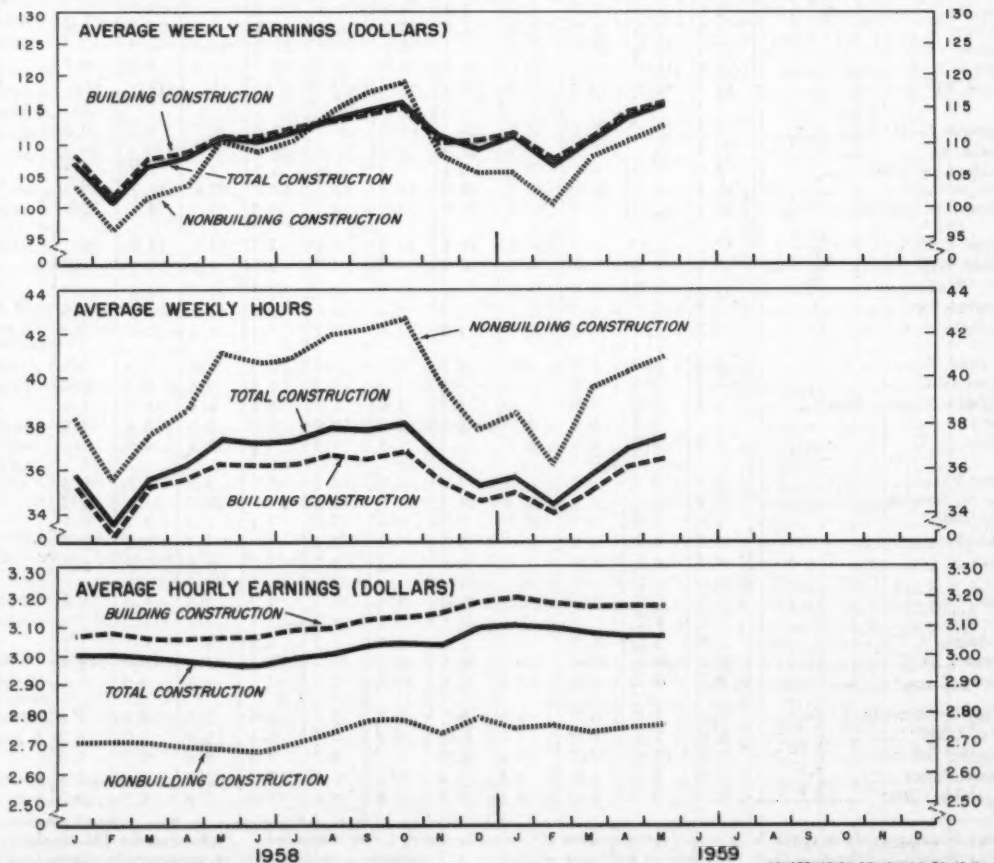




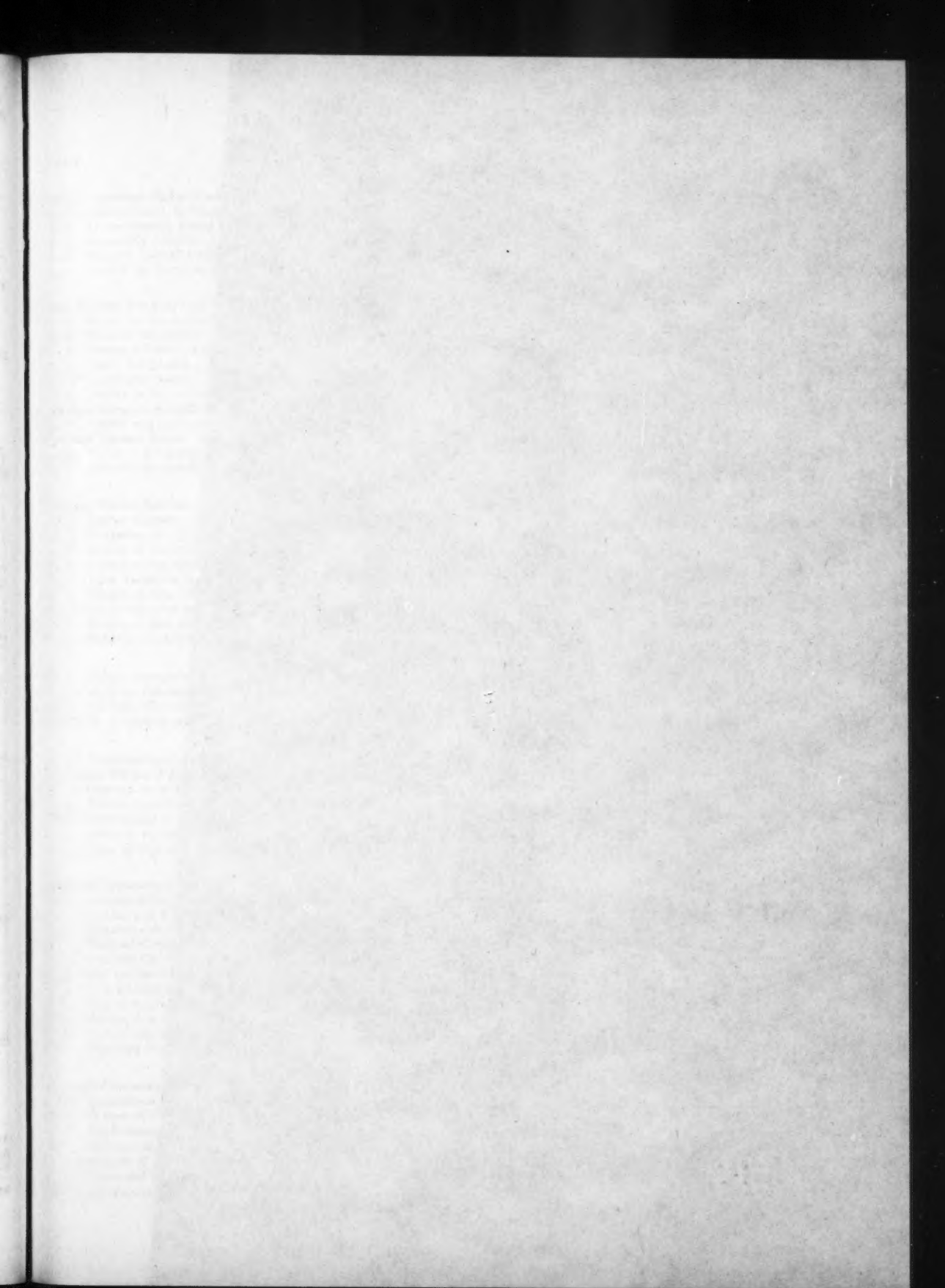
Table G-6:--Contract Construction: Hours and Gross Earnings of Construction Workers

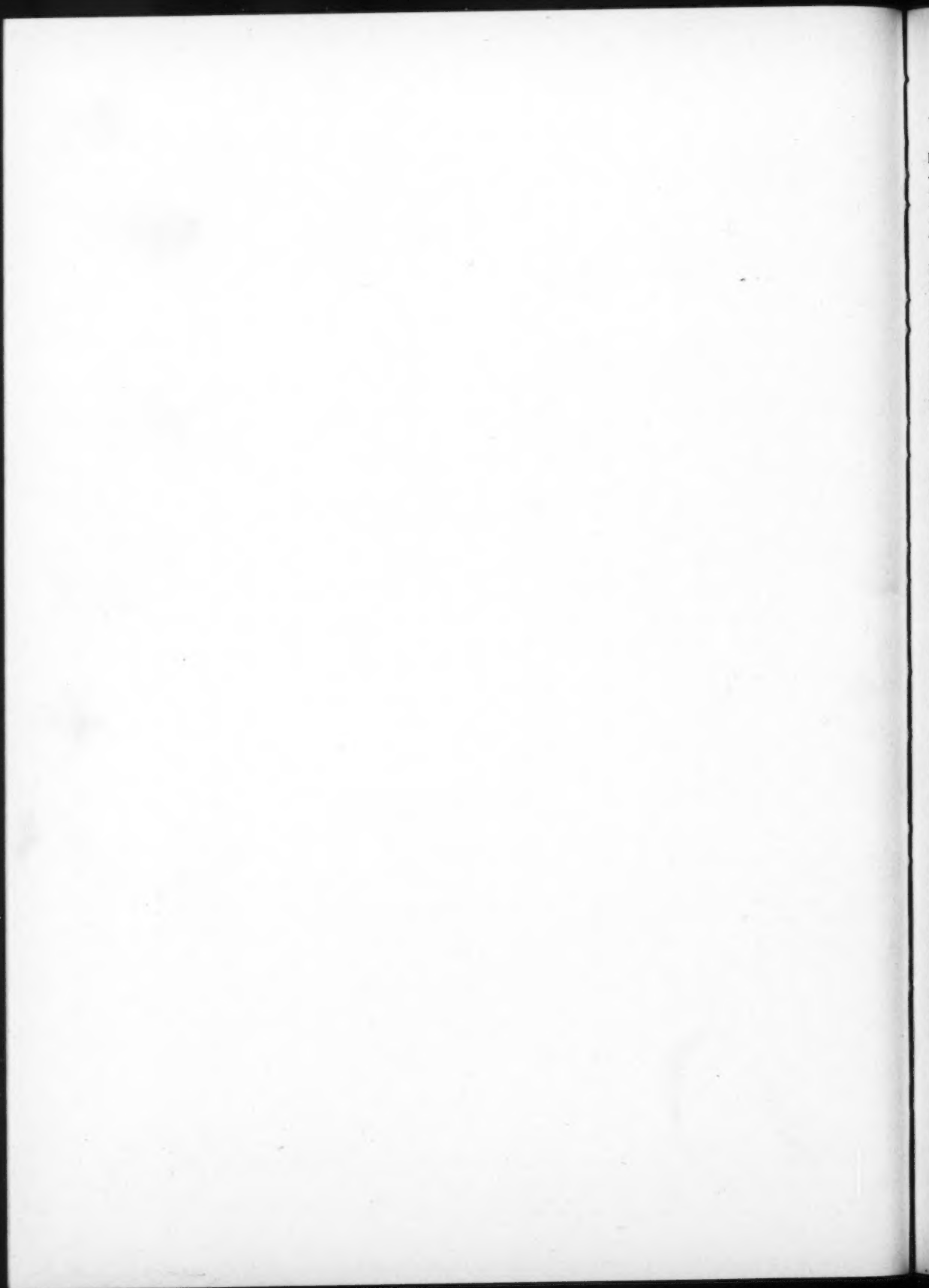
Period	All construction	Building construction							Nonbuilding construction		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
AVERAGE WEEKLY EARNINGS											
Year: 1955.....	\$95.94	\$96.29	\$90.22	\$100.83	\$106.40	\$94.38	\$116.52	\$96.21	\$95.11	\$91.27	\$98.50
1956.....	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957.....	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958.....	110.17	110.67	102.53	114.95	123.23	107.64	135.97	108.99	109.07	104.14	113.51
1958: May.....	111.08	111.08	105.12	115.12	121.66	106.79	135.52	110.09	110.56	105.84	115.26
June.....	110.11	110.77	103.46	115.16	122.47	107.71	136.68	109.51	108.67	103.25	114.57
July.....	111.90	112.17	104.54	116.89	124.64	108.42	137.11	111.51	110.57	106.50	114.51
August.....	113.70	113.40	106.48	117.90	124.97	110.76	136.76	112.46	114.66	112.31	116.87
September.....	114.91	114.25	105.56	118.99	126.39	110.25	140.09	113.53	117.32	114.23	120.07
October.....	115.82	115.18	107.01	119.64	126.39	110.92	140.12	114.12	118.71	117.04	120.66
November.....	110.66	111.16	103.37	115.73	121.77	108.73	134.66	110.66	108.11	102.62	113.59
December.....	109.43	110.37	99.12	116.51	127.59	109.10	140.48	107.24	105.36	93.98	114.55
1959: January.....	111.03	111.65	103.01	116.86	127.64	107.52	139.41	108.54	105.88	93.59	114.55
February.....	106.64	108.12	100.25	112.20	123.28	104.63	137.58	102.72	100.19	85.40	109.82
March.....	110.57	110.95	103.19	115.15	125.33	109.07	138.65	106.88	108.23	98.21	115.84
April.....	113.59	114.44	106.07	119.13	127.72	111.97	141.64	112.70	110.28	103.28	116.61
May.....	115.13	115.71	107.02	121.15	129.50	113.92	141.64	114.95	112.61	107.07	117.49
AVERAGE WEEKLY HOURS											
Year: 1955.....	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.4
1956.....	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.9
1957.....	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958.....	36.6	35.7	35.6	35.7	37.8	34.5	38.3	34.6	40.1	41.0	39.3
1958: May.....	37.4	36.3	36.5	36.2	37.9	34.9	38.5	35.4	41.1	42.0	40.3
June.....	37.2	36.2	36.3	36.1	37.8	35.2	38.5	35.1	40.7	41.3	40.2
July.....	37.3	36.3	36.3	36.3	38.0	35.2	38.3	35.4	40.8	41.6	39.9
August.....	37.9	36.7	37.1	36.5	38.1	35.5	38.2	35.7	42.0	43.7	40.3
September.....	37.8	36.5	36.4	36.5	38.3	35.0	38.7	35.7	42.2	43.6	40.7
October.....	38.1	36.8	36.9	36.7	38.3	35.1	38.6	36.0	42.7	44.5	40.9
November.....	36.4	35.4	35.4	35.5	36.9	34.3	37.2	34.8	39.6	40.4	38.9
December.....	35.3	34.6	33.6	35.2	38.2	34.2	38.7	33.2	37.9	37.0	38.7
1959: January.....	35.7	35.0	34.8	35.2	38.1	33.6	38.3	33.5	38.5	38.2	38.7
February.....	34.4	34.0	34.1	34.0	36.8	32.8	37.9	32.0	36.3	35.0	37.1
March.....	35.9	35.0	35.1	35.0	37.3	34.3	38.3	33.4	39.5	39.6	39.4
April.....	37.0	36.1	36.2	36.1	37.9	35.1	38.7	35.0	40.1	40.5	39.8
May.....	37.5	36.5	36.4	36.6	38.2	35.6	38.7	35.7	40.8	41.5	40.1
AVERAGE HOURLY EARNINGS											
Year: 1955.....	\$2.60	\$2.66	\$2.52	\$2.77	\$2.80	\$2.72	\$2.98	\$2.71	\$2.36	\$2.21	\$2.50
1956.....	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957.....	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958.....	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.72	2.54	2.89
1958: May.....	2.97	3.06	2.88	3.18	3.21	3.06	3.52	3.11	2.69	2.52	2.86
June.....	2.96	3.06	2.85	3.19	3.24	3.06	3.55	3.12	2.67	2.50	2.85
July.....	3.00	3.09	2.88	3.22	3.28	3.08	3.58	3.15	2.71	2.56	2.87
August.....	3.00	3.09	2.87	3.23	3.28	3.12	3.58	3.15	2.73	2.57	2.90
September.....	3.04	3.13	2.90	3.26	3.30	3.15	3.62	3.18	2.78	2.62	2.95
October.....	3.04	3.13	2.90	3.26	3.30	3.16	3.63	3.17	2.78	2.63	2.95
November.....	3.04	3.14	2.92	3.26	3.30	3.17	3.62	3.18	2.73	2.54	2.92
December.....	3.10	3.19	2.95	3.31	3.34	3.19	3.63	3.23	2.78	2.54	2.96
1959: January.....	3.11	3.19	2.96	3.32	3.35	3.20	3.64	3.24	2.75	2.45	2.96
February.....	3.10	3.18	2.94	3.30	3.35	3.19	3.63	3.21	2.76	2.44	2.96
March.....	3.08	3.17	2.94	3.29	3.36	3.18	3.62	3.20	2.74	2.48	2.94
April.....	3.07	3.17	2.93	3.30	3.37	3.19	3.66	3.22	2.75	2.55	2.93
May.....	3.07	3.17	2.94	3.31	3.39	3.20	3.66	3.22	2.76	2.58	2.93
Percent change, April 1958 to 1959											
Avg. wkly. earnings ..	+3.6	+4.2	+1.8	+5.2	+6.4	+6.7	+4.5	+4.4	+1.9	+1.2	+1.9
Avg. wkly. hours.....	+ .3	+ .6	- .3	+1.1	+ .8	+2.0	+ .5	+ .8	- .7	-1.2	- .5
Avg. hrly. earnings....	+3.4	+3.6	+2.1	+4.1	+5.6	+4.6	+4.0	+3.5	+2.6	+2.4	+2.5

Source: Department of Labor, Bureau of Labor Statistics.

(NOTE: Table G-7, Registered Apprentices in the Building Trades, is published on a semiannual basis, as data become available.)









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